



## Performance Report for: <http://passthewheel.com/>

Report generated: Wednesday, January 7, 2015, 8:47 PM -0800

Test Server Region: Vancouver, Canada

Using: Firefox (Desktop) 25.0.1, Page Speed 1.12.16, YSlow 3.1.8

<b>Page Speed Grade:</b> <span style="font-size: 2em;">(77%)</span> <span style="color: orange;">↓</span> Avg: 79%	C	<b>YSlow Grade:</b> <span style="font-size: 2em;">(72%)</span> <span style="color: orange;">↓</span> Avg: 79%	C
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Page load time: 6.56s | Total page size: 1.86MB | Total number of requests: 123

### Priority Issues (Top 5)

Defer parsing of JavaScript	<div style="width: 10%;"></div> F (15)	↓ Avg Score: 62%	JS	High
Leverage browser caching	<div style="width: 15%;"></div> F (25)	↓ Avg Score: 59%	Server	High
Combine images using CSS sprites	<div style="width: 20%;"></div> F (27)	↓ Avg Score: 79%	Images	Medium
Optimize images	<div style="width: 40%;"></div> D (60)	↓ Avg Score: 75%	Images	High
Serve scaled images	<div style="width: 45%;"></div> D (66)	↓ Avg Score: 82%	Images	High

### How does this affect me?

Studies show that users leave a site if it hasn't loaded in 4 seconds; keep your users happy and engaged by providing a fast performing website.

As if you didn't need more incentive, **Google has announced that they are using page speed in their ranking algorithm.**

### About GTmetrix

We can help you develop a faster, more efficient, and all-around improved website experience for your users. We use Google Page Speed and Yahoo! YSlow to grade your site's performance and provide actionable recommendations to fix these issues.

### About the Developer



GTmetrix is developed by the good folks at **Gossamer Threads**, a Vancouver-based company with over 16 years experience in web technology. [www.gossamer-threads.com](http://www.gossamer-threads.com)

### What do these grades mean?

This report is an analysis of your site with Google and Yahoo!'s metrics for how to best develop a site for optimized speed. The **grades you see represent** how well the scanned URL adheres to those rules.

Lower grades (C or lower) mean that the page can stand to be faster using better practices and optimizing your settings.

### What's in this report?

This report covers basic to technical analyses on your page. It is categorized under many headings:

- **Executive:** Overall score information and Priority Issues
- **History:** Graphed history of past performance
- **Waterfall:** Graph of your site's loading timeline
- **Technical:** In-depth Page Speed & YSlow information

These will provide you with a snapshot of your performance.

# Waterfall

The waterfall graph displays the loading behaviour of your site in Firefox. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

## Drivers License Practice & Driving Permit Test Questions - PassTheWheel

Resource	Status	Size	Load Time
GET passthewheel.c	301 Mo	passthewh	2.5 KB 130ms
GET www.passthew	200 OK	passthewh	13.6 KB 271ms
GET styles.css	200 OK	passthewh	2.7 KB 218ms
GET passthewheel.j	200 OK	passthewh	4.4 KB 389ms
GET top_left_logo_	200 OK	passthewh	4.6 KB 484ms
GET clear_spacer.gi	200 OK	passthewh	47 B 473ms
GET top_left_bottor	200 OK	passthewh	2.2 KB 484ms
GET top_right_grap	200 OK	passthewh	14.6 KB 611ms
GET flag_canada_m	200 OK	passthewh	899 B 438ms
GET flag_usa_menu	200 OK	passthewh	997 B 444ms
GET testimonials.jp	200 OK	passthewh	4.2 KB 584ms
GET button_free_ro	200 OK	passthewh	4.7 KB 552ms
GET free_giveaway_	200 OK	passthewh	4 KB 552ms
GET addthis_widge	200 OK	s7.addthis.	4 KB 548ms
GET get_started.gif	200 OK	s.passthew	2.9 KB 509ms
GET flags_homepac	200 OK	s.passthew	898 B 424ms
GET adsbygoogle.js	200 OK	pagead2.gr	9 KB 494ms
GET flags_homepac	200 OK	s.passthew	801 B 437ms
GET checkmark.gif	200 OK	passthewh	373 B 504ms
GET lock_24x24.png	200 OK	s.passthew	1.7 KB 361ms
GET payment_optio	200 OK	s.passthew	5 KB 516ms
GET comodo_horz_	200 OK	s.passthew	1.9 KB 432ms
GET InstantSSL-DV	200 OK	s.passthew	3.4 KB 482ms
GET show_ads.js	200 OK	pagead2.gr	7.4 KB 580ms
GET facebook-logo	200 OK	passthewh	2.3 KB 481ms
GET follow-us-on-tv	200 OK	passthewh	1.5 KB 506ms
GET TMW_Ad_New	200 OK	passthewh	52.3 KB 659ms
GET Op_feel_good.j	200 OK	passthewh	60.5 KB 658ms
GET FIY ad03.png	200 OK	passthewh	296.6 KB 981ms
GET Stretch_Yourse	200 OK	passthewh	70.6 KB 734ms
GET message_boar	200 OK	passthewh	3.3 KB 578ms
GET bottom_right.g	200 OK	passthewh	2 KB 598ms
GET top_left_bg.gif	200 OK	passthewh	1.9 KB 280ms
GET top_middle_bg	200 OK	passthewh	100 B 297ms
GET btn-login1.gif	200 OK	passthewh	2.8 KB 311ms
GET top_menu_link	200 OK	passthewh	1.4 KB 337ms
GET top_menu_bg.i	200 OK	passthewh	91 B 399ms
GET top_middle_bo	200 OK	passthewh	154 B 398ms
GET left_column_b	200 OK	passthewh	263 B 429ms
GET product_list2_t	200 OK	passthewh	3.6 KB 434ms
GET product_list2_t	200 OK	passthewh	1.5 KB 458ms
GET product_list2_t	200 OK	passthewh	694 B 469ms
GET product_list2_t	200 OK	passthewh	3.5 KB 469ms
GET menu_sample_	200 OK	s.passthew	3.1 KB 113ms
GET menu_sample_	200 OK	s.passthew	2.6 KB 113ms
GET menu_sample_	200 OK	s.passthew	1.4 KB 156ms
GET menu_sample_	200 OK	s.passthew	889 B 154ms
GET menu_sample_	200 OK	s.passthew	2.5 KB 187ms
GET menu_sample_	200 OK	s.passthew	2.9 KB 186ms
GET titles4_bg_title	200 OK	passthewh	1.7 KB 523ms
GET titles4_bg_title	200 OK	passthewh	205 B 501ms
GET titles4_bg_title	200 OK	passthewh	1.2 KB 550ms
GET titles4_bg_mid	200 OK	passthewh	122 B 535ms

+	GET titles4_bg_righ	200 OK	passthewh	1.8 KB	559ms
+	GET core177.js	200 OK	s7.addthis.	76.4 KB	93ms
+	GET 110183646	200 OK	player.vime	4.1 KB	301ms
+	GET ca-pub-592701	200 OK	gstatic.cor	109 B	178ms
+	GET zrt_lookup.htm	200 OK	googleads.	5 KB	189ms
+	GET show_ads_imp	200 OK	pagead2.gr	48.8 KB	326ms
+	GET widget009.old.i	200 OK	s7.addthis.	16.3 KB	23ms
+	GET ad-badge.gif	200 OK	passthewh	4 KB	91ms
+	GET gtm.js?id=GTM	200 OK	googletagr	10.3 KB	388ms
+	GET analytics.js	200 OK	google-ana	10.9 KB	383ms
+	GET bottom_middle	200 OK	passthewh	279 B	66ms
+	GET bottom_right_c	200 OK	passthewh	5.8 KB	81ms
+	GET right_column_l	200 OK	passthewh	312 B	69ms
+	GET &dt=Drivers Lic	200 OK	s7.addthis.	21.8 KB	24ms
+	GET menu169.js	200 OK	s7.addthis.	19.7 KB	43ms
+	GET all.js	200 OK	connect.fac	50.9 KB	21ms
+	GET widgets.js	200 OK	platform.tw	33.2 KB	70ms
+	GET plusone.js	200 OK	apis.google	15.1 KB	524ms
+	GET moogaloop.sw	200 OK	f.vimeocdn	114.6 KE	160ms
+	GET moogaloop.js	200 OK	f.vimeocdn	6.7 KB	94ms
+	GET ga.js	200 OK	google-ana	15.7 KB	339ms
+	GET widget009.old.:	200 OK	s7.addthis.	23.6 KB	24ms
+	GET #.VK4LvNVUxV	200 OK	platform.tw	18.8 KB	67ms
+	GET ads?client=ca-j	200 OK	googleads.	38.5 KB	811ms
+	GET dc.js	200 OK	stats.g.dou	15.5 KB	332ms
+	GET 7r8gQb8MlqE.j:	200 OK	static.ak.fa	9.5 KB	5ms
+	GET 7r8gQb8MlqE.j:	200 OK	s-static.ak.	9.5 KB	248ms
+	GET cb=gapi.loaded	200 OK	apis.google	39.1 KB	1.11s
+	GET cb=gapi.loaded	200 OK	apis.google	21.5 KB	1.11s
+	GET fastbutton?use	200 OK	apis.google	11 KB	1.11s
+	GET expansion_eml	200 OK	pagead2.gr	50 KB	374ms
+	GET osd.js	200 OK	pagead2.gr	18.1 KB	309ms
+	GET 300lo.json?1fb	200 OK	m.addthis.c	106 B	37ms
+	GET b?c1=7&c2=20	302 Mo	b.scorecar	0	87ms
+	GET jot?l={"languag	200 OK	syndicator	65 B	278ms
+	GET ads?client=ca-j	200 OK	googleads.	38.5 KB	625ms
+	GET count.json?url:	200 OK	cdn.syndic	101 B	60ms
+	GET b2?c1=7&c2=2	204 No	b.scorecar	0	2ms
+	GET ads?client=ca-j	200 OK	googleads.	41.2 KB	718ms
+	GET crossdomain.xi	200 OK	i.vimeocdn.	211 B	43ms
+	GET css?family=Sl	200 OK	fonts.googl	252 B	268ms
+	GET 494337910.jpg?	200 OK	i.vimeocdn.	24.9 KB	68ms
+	GET nessie_icon_tic	200 OK	pagead2.gr	225 B	363ms
+	GET abg.js	200 OK	pagead2.gr	13.3 KB	363ms
+	GET google-logo.pr	200 OK	pagead2.gr	4 KB	363ms
+	GET PuwvqkdbcqU-	Abortec	fonts.gstati	0	139ms
+	GET s?v=r20120211	200 OK	googleads.	145 B	156ms
+	GET x_button_blue:	200 OK	pagead2.gr	145 B	157ms
+	GET postmessageR	200 OK	accounts.g	358 B	527ms
+	GET cb=gapi.loaded	200 OK	apis.google	49.5 KB	157ms
+	GET cb=gapi.loaded	200 OK	apis.google	26 KB	312ms
+	GET PuwvqkdbcqU-	200 OK	fonts.gstati	19.6 KB	310ms
+	GET grlryt2bdKlyfM:	200 OK	fonts.gstati	71.3 KB	881ms
+	GET ui	302 Foi	google.cor	304 B	1.02s
+	GET api.js	200 OK	apis.google	4.8 KB	192ms
+	GET core:rpc:shindi	200 OK	oauth.goog	22.1 KB	655ms
+	GET 919662793-posi	200 OK	ssl.gstatic.	3.3 KB	645ms
+	GET hub.fe4e93d64f	200 OK	platform.tw	7.6 KB	24ms
+	GET hub.fe4e93d64f	200 OK	platform.tw	7.6 KB	92ms
+	GET si?p=CAA&ut=	200 OK	googleads.	0	680ms
+	GET ui	302 Foi	google.cor	304 B	282ms
+	GET like.php?actor	302 Foi	facebook.c	0	239ms
+	GET ui	302 Foi	google.cor	304 B	282ms
+	GET like.php?actor	200 OK	facebook.c	6.4 KB	450ms
+	GET si?p=CAA&ut=	200 OK	googleads.	0	196ms
+	GET 7L6JNP8ythNSI	200 OK	pagead2.gr	3.5 KB	155ms
+	GET p4-33YuU8FT.j:	200 OK	fbstatic-a.a	219.8 KE	320ms
+	GET LVx-xkvaJ0b.pi	200 OK	fbstatic-a.a	1.3 KB	293ms

+	GET si?p=CAA&ut=	200 OK	googleads.	0	218ms
+	GET ping?client_id=	200 OK	facebook.c	259 B	161ms
<b>123 Requests</b>				<b>1.9 MB</b>	<b>6.74s (onload: 6.56s)</b>

## Page Speed Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Defer parsing of JavaScript	<span style="color: red;">F (15)</span>	↓ Avg Score: 62%	JS	High

480.8KiB of JavaScript is parsed during initial page load. Defer parsing JavaScript to reduce blocking of page rendering.

- [http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&output=html&h=90&slotname=9517427079&adk=2070963919&w=728&h=90&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412406&bpp=5&bd=836&shv=r20141209&cbv=r20141212&saldr=sa&prev\\_fm=336x260%2C336x280&correlator=5322985844519&frm=20&ga\\_vid=240697803.1420692413&ga\\_sid=1420692413&ga\\_hid=451338341&ga\\_fc=0&tz=-480&his=1&java=0&h=875&w=1024&ah=875&aw=1024&cd=24&nplug=1&nmime=2&dff=serif&dfs=16&adx=195&ady=2319&biw=1024&bih=790&eid=317150304&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppj=f&fu=0&bc=1&if=3&xpc=F9AApLZ3R&p=http%3A//www.passthewheel.com&dtd=1422](http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&output=html&h=90&slotname=9517427079&adk=2070963919&w=728&h=90&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412406&bpp=5&bd=836&shv=r20141209&cbv=r20141212&saldr=sa&prev_fm=336x260%2C336x280&correlator=5322985844519&frm=20&ga_vid=240697803.1420692413&ga_sid=1420692413&ga_hid=451338341&ga_fc=0&tz=-480&his=1&java=0&h=875&w=1024&ah=875&aw=1024&cd=24&nplug=1&nmime=2&dff=serif&dfs=16&adx=195&ady=2319&biw=1024&bih=790&eid=317150304&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppj=f&fu=0&bc=1&if=3&xpc=F9AApLZ3R&p=http%3A//www.passthewheel.com&dtd=1422) (88.7KiB of inline JavaScript)
- [http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&format=336x260&output=html&h=260&slotname=9406554277&adk=1737772127&w=336&h=260&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412359&bpp=13&bd=789&shv=r20141209&cbv=r20141212&saldr=aa&correlator=5322985844519&frm=20&ga\\_vid=240697803.1420692413&ga\\_sid=1420692413&ga\\_hid=451338341&ga\\_fc=0&tz=-480&his=1&java=0&h=875&w=1024&ah=875&aw=1024&cd=24&nplug=1&nmime=2&dff=serif&dfs=16&adx=587&ady=1069&biw=1024&bih=790&eid=317150304%2C828064100&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppj=f&fu=0&bc=1&if=1&xpc=7yloQnq5Qe&p=http%3A//www.passthewheel.com&dtd=728](http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&format=336x260&output=html&h=260&slotname=9406554277&adk=1737772127&w=336&h=260&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412359&bpp=13&bd=789&shv=r20141209&cbv=r20141212&saldr=aa&correlator=5322985844519&frm=20&ga_vid=240697803.1420692413&ga_sid=1420692413&ga_hid=451338341&ga_fc=0&tz=-480&his=1&java=0&h=875&w=1024&ah=875&aw=1024&cd=24&nplug=1&nmime=2&dff=serif&dfs=16&adx=587&ady=1069&biw=1024&bih=790&eid=317150304%2C828064100&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppj=f&fu=0&bc=1&if=1&xpc=7yloQnq5Qe&p=http%3A//www.passthewheel.com&dtd=728) (80.7KiB of inline JavaScript)
- [http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&format=336x280&output=html&h=280&slotname=3237536672&adk=2101248137&w=336&h=280&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412359&bpp=34&bd=790&shv=r20141209&cbv=r20141212&saldr=aa&prev\\_fm=336x260&correlator=5322985844519&frm=20&ga\\_vid=240697803.1420692413&ga\\_sid=1420692413&ga\\_hid=451338341&ga\\_fc=0&tz=-480&his=1&java=0&h=875&w=1024&ah=875&aw=1024&cd=24&nplug=1&nmime=2&dff=serif&dfs=16&adx=587&ady=1926&biw=1024&bih=790&eid=317150304&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppj=f&fu=0&bc=1&if=2&xpc=n0VM5yfpYG&p=http%3A//www.passthewheel.com&dtd=1293](http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&format=336x280&output=html&h=280&slotname=3237536672&adk=2101248137&w=336&h=280&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412359&bpp=34&bd=790&shv=r20141209&cbv=r20141212&saldr=aa&prev_fm=336x260&correlator=5322985844519&frm=20&ga_vid=240697803.1420692413&ga_sid=1420692413&ga_hid=451338341&ga_fc=0&tz=-480&his=1&java=0&h=875&w=1024&ah=875&aw=1024&cd=24&nplug=1&nmime=2&dff=serif&dfs=16&adx=587&ady=1926&biw=1024&bih=790&eid=317150304&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppj=f&fu=0&bc=1&if=2&xpc=n0VM5yfpYG&p=http%3A//www.passthewheel.com&dtd=1293) (80.7KiB of inline JavaScript)
- <https://oauth.googleusercontent.com/gadgets/js/core:rpc:shindig.random:shindig.sha1.js?c=2> (53.6KiB)
- <http://pagead2.googleadsyndication.com/pagead/js/r20141209/r20110914/abg.js> (32.9KiB)
- <http://pagead2.googleadsyndication.com/pagead/js/r20141209/r20110914/abg.js> (32.9KiB)
- <http://pagead2.googleadsyndication.com/pagead/js/r20141209/r20110914/abg.js> (32.9KiB)
- [http://static.ak.facebook.com/connect/xd\\_arbiter/7r8gQb8MlqE.js?version=41](http://static.ak.facebook.com/connect/xd_arbiter/7r8gQb8MlqE.js?version=41) (22.5KiB of inline JavaScript)
- [https://s-static.ak.facebook.com/connect/xd\\_arbiter/7r8gQb8MlqE.js?version=41](https://s-static.ak.facebook.com/connect/xd_arbiter/7r8gQb8MlqE.js?version=41) (22.5KiB of inline JavaScript)
- [https://apis.google.com/se/0/\\_/1/fastbutton?usegapi=1&size=medium&hl=en-US&origin=http%3A%2F%2Fwww.passthewheel.com&url=http%3A%2F%2Fwww.passthewheel.com%2F&gsrc=3p&ic=1&jsh=m%3B%2F%2Fscs%2Fapps-static%2F%2Fjs%2Fk%3Ddoz.gapi.en\\_GB.tbpiAen9iRA.O%2Fm%3D\\_features%2Fam%3DAQ%2Frt%3Dj%2Fd%3D1%2Ft%3Dzcms%2Frs%3DAGLTcCN251OZaPO2fw7LED3grUqdDlcWCw](https://apis.google.com/se/0/_/1/fastbutton?usegapi=1&size=medium&hl=en-US&origin=http%3A%2F%2Fwww.passthewheel.com&url=http%3A%2F%2Fwww.passthewheel.com%2F&gsrc=3p&ic=1&jsh=m%3B%2F%2Fscs%2Fapps-static%2F%2Fjs%2Fk%3Ddoz.gapi.en_GB.tbpiAen9iRA.O%2Fm%3D_features%2Fam%3DAQ%2Frt%3Dj%2Fd%3D1%2Ft%3Dzcms%2Frs%3DAGLTcCN251OZaPO2fw7LED3grUqdDlcWCw) (12.0KiB of inline JavaScript)
- <https://ssl.gstatic.com/accounts/o/919662793-postmessengerelay.js> (7.2KiB)
- <https://apis.google.com/js/api.js> (6.4KiB)
- [https://www.facebook.com/plugins/like.php?action=like&app\\_id=172525162793917&channel=http%3A%2F%2Fstatic.ak.facebook.com%2Fconnect%2Fxd\\_arbiter%2F7r8gQb8MlqE.js%3Fversion%3D41%23cb%3Df3ac6436887ad86%26domain%3Dwww.passthewheel.com%26origin%3Dhttp%253A%252F%252Fwww.passthewheel.com%252Ffb39614ea96922%26relation%3Dparent.parent&font=arial&href=http%3A%2F%2Fwww.passthewheel.com%2F&layout=button\\_count&locale=en\\_US&ref=.VK4LvMxG-k.like&sdk=joey&send=false&show\\_faces=false&width=90](https://www.facebook.com/plugins/like.php?action=like&app_id=172525162793917&channel=http%3A%2F%2Fstatic.ak.facebook.com%2Fconnect%2Fxd_arbiter%2F7r8gQb8MlqE.js%3Fversion%3D41%23cb%3Df3ac6436887ad86%26domain%3Dwww.passthewheel.com%26origin%3Dhttp%253A%252F%252Fwww.passthewheel.com%252Ffb39614ea96922%26relation%3Dparent.parent&font=arial&href=http%3A%2F%2Fwww.passthewheel.com%2F&layout=button_count&locale=en_US&ref=.VK4LvMxG-k.like&sdk=joey&send=false&show_faces=false&width=90) (4.2KiB of inline JavaScript)
- <http://player.vimeo.com/video/110183646> (3.4KiB of inline JavaScript)

Leverage browser caching	<span style="color: red;">F (25)</span>	↓ Avg Score: 59%	Server	High
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The following cacheable resources have a short freshness lifetime. Specify an expiration at least one week in the future for the following resources:

- [http://s.passthewheel.com/images/InstantSSL-DV\\_tl\\_trans.gif](http://s.passthewheel.com/images/InstantSSL-DV_tl_trans.gif) (expiration not specified)
- [http://s.passthewheel.com/images/comodo\\_horz\\_master\\_85pixels.gif](http://s.passthewheel.com/images/comodo_horz_master_85pixels.gif) (expiration not specified)
- [http://s.passthewheel.com/images/flags\\_homepage\\_canada.gif](http://s.passthewheel.com/images/flags_homepage_canada.gif) (expiration not specified)
- [http://s.passthewheel.com/images/flags\\_homepage\\_usa.gif](http://s.passthewheel.com/images/flags_homepage_usa.gif) (expiration not specified)
- [http://s.passthewheel.com/images/get\\_started.gif](http://s.passthewheel.com/images/get_started.gif) (expiration not specified)
- <http://s.passthewheel.com/images/lock-24x24.png> (expiration not specified)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_bottom.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_bottom.jpg) (expiration not specified)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_canada.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_canada.jpg) (expiration not specified)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_license.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_license.jpg) (expiration not specified)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_middle.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_middle.jpg) (expiration not specified)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_top.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_top.jpg) (expiration not specified)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_usa.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_usa.jpg) (expiration not specified)
- [http://s.passthewheel.com/images/payment\\_options.gif](http://s.passthewheel.com/images/payment_options.gif) (expiration not specified)
- <http://www.passthewheel.com/images/FLY%20ad03.png> (expiration not specified)
- [http://www.passthewheel.com/images/Op\\_feel\\_good.jpg](http://www.passthewheel.com/images/Op_feel_good.jpg) (expiration not specified)
- [http://www.passthewheel.com/images/Stretch\\_Yourself\\_Skyscraper.jpg](http://www.passthewheel.com/images/Stretch_Yourself_Skyscraper.jpg) (expiration not specified)
- [http://www.passthewheel.com/images/TMW\\_Ad\\_New.jpg](http://www.passthewheel.com/images/TMW_Ad_New.jpg) (expiration not specified)
- <http://www.passthewheel.com/images/ad-badge.gif> (expiration not specified)
- [http://www.passthewheel.com/images/bottom\\_middle\\_bg.gif](http://www.passthewheel.com/images/bottom_middle_bg.gif) (expiration not specified)
- [http://www.passthewheel.com/images/bottom\\_right.gif](http://www.passthewheel.com/images/bottom_right.gif) (expiration not specified)
- [http://www.passthewheel.com/images/bottom\\_right\\_copyright.gif](http://www.passthewheel.com/images/bottom_right_copyright.gif) (expiration not specified)
- <http://www.passthewheel.com/images/btn-login1.gif> (expiration not specified)
- [http://www.passthewheel.com/images/button\\_free\\_road\\_test\\_checklist.jpg](http://www.passthewheel.com/images/button_free_road_test_checklist.jpg) (expiration not specified)
- <http://www.passthewheel.com/images/checkmark.gif> (expiration not specified)
- [http://www.passthewheel.com/images/clear\\_spacer.gif](http://www.passthewheel.com/images/clear_spacer.gif) (expiration not specified)
- <http://www.passthewheel.com/images/facebook-logo.png> (expiration not specified)
- [http://www.passthewheel.com/images/flag\\_canada\\_menu.gif](http://www.passthewheel.com/images/flag_canada_menu.gif) (expiration not specified)
- [http://www.passthewheel.com/images/flag\\_usa\\_menu.gif](http://www.passthewheel.com/images/flag_usa_menu.gif) (expiration not specified)
- <http://www.passthewheel.com/images/follow-us-on-twitter.gif> (expiration not specified)
- [http://www.passthewheel.com/images/free\\_giveaway\\_link.gif](http://www.passthewheel.com/images/free_giveaway_link.gif) (expiration not specified)
- [http://www.passthewheel.com/images/left\\_column\\_bg.gif](http://www.passthewheel.com/images/left_column_bg.gif) (expiration not specified)
- [http://www.passthewheel.com/images/message\\_board.gif](http://www.passthewheel.com/images/message_board.gif) (expiration not specified)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_bottom.jpg](http://www.passthewheel.com/images/product_list2_bg_bottom.jpg) (expiration not specified)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_middle.jpg](http://www.passthewheel.com/images/product_list2_bg_middle.jpg) (expiration not specified)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_title.jpg](http://www.passthewheel.com/images/product_list2_bg_title.jpg) (expiration not specified)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_top.jpg](http://www.passthewheel.com/images/product_list2_bg_top.jpg) (expiration not specified)
- [http://www.passthewheel.com/images/right\\_column\\_bg.gif](http://www.passthewheel.com/images/right_column_bg.gif) (expiration not specified)
- <http://www.passthewheel.com/images/testimonials.jpg> (expiration not specified)
- [http://www.passthewheel.com/images/titles4\\_bg\\_middle.gif](http://www.passthewheel.com/images/titles4_bg_middle.gif) (expiration not specified)
- [http://www.passthewheel.com/images/titles4\\_bg\\_right.jpg](http://www.passthewheel.com/images/titles4_bg_right.jpg) (expiration not specified)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlea.gif](http://www.passthewheel.com/images/titles4_bg_titlea.gif) (expiration not specified)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titleb.gif](http://www.passthewheel.com/images/titles4_bg_titleb.gif) (expiration not specified)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlec.gif](http://www.passthewheel.com/images/titles4_bg_titlec.gif) (expiration not specified)
- [http://www.passthewheel.com/images/top\\_left\\_bg.gif](http://www.passthewheel.com/images/top_left_bg.gif) (expiration not specified)
- [http://www.passthewheel.com/images/top\\_left\\_bottom.gif](http://www.passthewheel.com/images/top_left_bottom.gif) (expiration not specified)
- [http://www.passthewheel.com/images/top\\_left\\_logo\\_passthewheel.gif](http://www.passthewheel.com/images/top_left_logo_passthewheel.gif) (expiration not specified)
- [http://www.passthewheel.com/images/top\\_menu\\_bg.gif](http://www.passthewheel.com/images/top_menu_bg.gif) (expiration not specified)
- [http://www.passthewheel.com/images/top\\_menu\\_link\\_bg.gif](http://www.passthewheel.com/images/top_menu_link_bg.gif) (expiration not specified)
- [http://www.passthewheel.com/images/top\\_middle\\_bg2.gif](http://www.passthewheel.com/images/top_middle_bg2.gif) (expiration not specified)
- [http://www.passthewheel.com/images/top\\_middle\\_bottom\\_bg.gif](http://www.passthewheel.com/images/top_middle_bottom_bg.gif) (expiration not specified)
- [http://www.passthewheel.com/images/top\\_right\\_graphic\\_car.jpg](http://www.passthewheel.com/images/top_right_graphic_car.jpg) (expiration not specified)
- <http://www.passthewheel.com/scripts/passthewheel.js> (expiration not specified)
- <http://www.passthewheel.com/styles/styles.css> (expiration not specified)
- <http://cdn.syndication.twitter.com/widgets/tweetbutton/count.json?url=http%3A%2F%2Fwww.passthewheel.com%2F&callback=twtr.receiveCount> (15 minutes)
- <http://www.googletagmanager.com/gtm.js?id=GTM-KX2RZK> (16 minutes 14 seconds)
- [http://connect.facebook.net/en\\_US/all.js](http://connect.facebook.net/en_US/all.js) (20 minutes)
- <http://apis.google.com/js/plusone.js> (30 minutes)
- <http://platform.twitter.com/widgets.js> (30 minutes)
- <https://apis.google.com/js/api.js> (30 minutes)
- <http://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js> (1 hour)
- <http://pagead2.googlesyndication.com/pagead/osd.js> (1 hour)
- [http://pagead2.googlesyndication.com/pagead/show\\_ads.js](http://pagead2.googlesyndication.com/pagead/show_ads.js) (1 hour)
- <https://oauth.googleusercontent.com/gadgets/js/core:rpc:shindig.random:shindig.sha1.js?c=2> (1 hour)
- <http://stats.q.doubleclick.net/dc.js> (2 hours)

- <http://www.google-analytics.com/analytics.js> (2 hours)
- <http://www.google-analytics.com/ga.js> (2 hours)

## Combine images using CSS sprites

F (27)

↓ Avg Score: 79%

Images

Medium

The following images served from passthewheel.com should be combined into as few images as possible using CSS sprites.

- [http://s.passthewheel.com/images/comodo\\_horz\\_master\\_85pixels.gif](http://s.passthewheel.com/images/comodo_horz_master_85pixels.gif)
- [http://s.passthewheel.com/images/flags\\_homepage\\_canada.gif](http://s.passthewheel.com/images/flags_homepage_canada.gif)
- [http://s.passthewheel.com/images/flags\\_homepage\\_usa.gif](http://s.passthewheel.com/images/flags_homepage_usa.gif)
- <http://s.passthewheel.com/images/lock-24x24.png>
- [http://www.passthewheel.com/images/bottom\\_middle\\_bg.gif](http://www.passthewheel.com/images/bottom_middle_bg.gif)
- <http://www.passthewheel.com/images/checkmark.gif>
- [http://www.passthewheel.com/images/clear\\_spacer.gif](http://www.passthewheel.com/images/clear_spacer.gif)
- [http://www.passthewheel.com/images/flag\\_canada\\_menu.gif](http://www.passthewheel.com/images/flag_canada_menu.gif)
- [http://www.passthewheel.com/images/flag\\_usa\\_menu.gif](http://www.passthewheel.com/images/flag_usa_menu.gif)
- <http://www.passthewheel.com/images/follow-us-on-twitter.gif>
- [http://www.passthewheel.com/images/left\\_column\\_bg.gif](http://www.passthewheel.com/images/left_column_bg.gif)
- [http://www.passthewheel.com/images/right\\_column\\_bg.gif](http://www.passthewheel.com/images/right_column_bg.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_middle.gif](http://www.passthewheel.com/images/titles4_bg_middle.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titleb.gif](http://www.passthewheel.com/images/titles4_bg_titleb.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlec.gif](http://www.passthewheel.com/images/titles4_bg_titlec.gif)
- [http://www.passthewheel.com/images/top\\_menu\\_bg.gif](http://www.passthewheel.com/images/top_menu_bg.gif)
- [http://www.passthewheel.com/images/top\\_middle\\_bg2.gif](http://www.passthewheel.com/images/top_middle_bg2.gif)
- [http://www.passthewheel.com/images/top\\_middle\\_bottom\\_bg.gif](http://www.passthewheel.com/images/top_middle_bottom_bg.gif)

## Optimize images

D (60)

↓ Avg Score: 75%

Images

High

Optimizing the following images could reduce their size by 86.0KiB (15% reduction).

- Losslessly compressing <http://www.passthewheel.com/images/FIY%20ad03.png> could save 65.2KiB (22% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/Stretch\\_Yourself\\_Skyscraper.jpg](http://www.passthewheel.com/images/Stretch_Yourself_Skyscraper.jpg) could save 5.6KiB (8% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/bottom\\_right\\_copyright.gif](http://www.passthewheel.com/images/bottom_right_copyright.gif) could save 2.3KiB (41% reduction). See [optimized version](#)
- Losslessly compressing <http://www.passthewheel.com/images/facebook-logo.png> could save 975B (41% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/free\\_giveaway\\_link.gif](http://www.passthewheel.com/images/free_giveaway_link.gif) could save 951B (23% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/message\\_board.gif](http://www.passthewheel.com/images/message_board.gif) could save 943B (28% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/payment\\_options.gif](http://s.passthewheel.com/images/payment_options.gif) could save 879B (18% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/get\\_started.gif](http://s.passthewheel.com/images/get_started.gif) could save 733B (26% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/top\\_left\\_bottom.gif](http://www.passthewheel.com/images/top_left_bottom.gif) could save 649B (29% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/titles4\\_bg\\_titlea.gif](http://www.passthewheel.com/images/titles4_bg_titlea.gif) could save 593B (34% reduction). See [optimized version](#)
- Losslessly compressing <http://www.passthewheel.com/images/btn-login1.gif> could save 554B (20% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/titles4\\_bg\\_titlec.gif](http://www.passthewheel.com/images/titles4_bg_titlec.gif) could save 444B (37% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/top\\_left\\_logo\\_passthewheel.gif](http://www.passthewheel.com/images/top_left_logo_passthewheel.gif) could save 398B (9% reduction). See [optimized version](#)
- Losslessly compressing <http://s.passthewheel.com/images/lock-24x24.png> could save 348B (21% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/comodo\\_horz\\_master\\_85pixels.gif](http://s.passthewheel.com/images/comodo_horz_master_85pixels.gif) could save 345B (18% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/top\\_menu\\_link\\_bg.gif](http://www.passthewheel.com/images/top_menu_link_bg.gif) could save 331B (24% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/bottom\\_right.gif](http://www.passthewheel.com/images/bottom_right.gif) could save 305B (15% reduction). See [optimized version](#)
- Losslessly compressing <http://www.passthewheel.com/images/ad-badge.gif> could save 269B (7% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_usa.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_usa.jpg) could save 255B (10% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/top\\_left\\_bg.gif](http://www.passthewheel.com/images/top_left_bg.gif) could save 253B (13% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/product\\_list2\\_bg\\_title.jpg](http://www.passthewheel.com/images/product_list2_bg_title.jpg) could save 244B (16% reduction). See [optimized version](#)

- Losslessly compressing [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_canada.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_canada.jpg) could save 243B (10% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_license.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_license.jpg) could save 243B (18% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_middle.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_middle.jpg) could save 240B (27% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/product\\_list2\\_bg\\_middle.jpg](http://www.passthewheel.com/images/product_list2_bg_middle.jpg) could save 236B (35% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/titles4\\_bg\\_right.jpg](http://www.passthewheel.com/images/titles4_bg_right.jpg) could save 230B (13% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/InstantSSL-DV\\_tl\\_trans.gif](http://s.passthewheel.com/images/InstantSSL-DV_tl_trans.gif) could save 225B (7% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/top\\_right\\_graphic\\_car.jpg](http://www.passthewheel.com/images/top_right_graphic_car.jpg) could save 209B (2% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_bottom.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_bottom.jpg) could save 204B (7% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/TMW\\_Ad\\_New.jpg](http://www.passthewheel.com/images/TMW_Ad_New.jpg) could save 200B (1% reduction). See [optimized version](#)
- Losslessly compressing <http://www.passthewheel.com/images/testimonials.jpg> could save 188B (5% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/Op\\_feel\\_good.jpg](http://www.passthewheel.com/images/Op_feel_good.jpg) could save 185B (1% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_top.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_top.jpg) could save 181B (6% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/product\\_list2\\_bg\\_bottom.jpg](http://www.passthewheel.com/images/product_list2_bg_bottom.jpg) could save 171B (5% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/flag\\_usa\\_menu.gif](http://www.passthewheel.com/images/flag_usa_menu.gif) could save 168B (17% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/product\\_list2\\_bg\\_top.jpg](http://www.passthewheel.com/images/product_list2_bg_top.jpg) could save 152B (5% reduction). See [optimized version](#)
- Losslessly compressing <http://www.passthewheel.com/images/follow-us-on-twitter.gif> could save 137B (9% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/flag\\_canada\\_menu.gif](http://www.passthewheel.com/images/flag_canada_menu.gif) could save 133B (15% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/flags\\_homepage\\_usa.gif](http://s.passthewheel.com/images/flags_homepage_usa.gif) could save 75B (10% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/button\\_free\\_road\\_test\\_checklist.jpg](http://www.passthewheel.com/images/button_free_road_test_checklist.jpg) could save 74B (2% reduction). See [optimized version](#)
- Losslessly compressing [http://s.passthewheel.com/images/flags\\_homepage\\_canada.gif](http://s.passthewheel.com/images/flags_homepage_canada.gif) could save 66B (8% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/titles4\\_bg\\_titleb.gif](http://www.passthewheel.com/images/titles4_bg_titleb.gif) could save 31B (16% reduction). See [optimized version](#)
- Losslessly compressing [http://www.passthewheel.com/images/right\\_column\\_bg.gif](http://www.passthewheel.com/images/right_column_bg.gif) could save 28B (9% reduction). See [optimized version](#)

#### Serve scaled images

 D (66)

↓ Avg Score: **82%**

Images

High

The following images are resized in HTML or CSS. Serving scaled images could save 374.3KiB (91% reduction).

- <http://www.passthewheel.com/images/FIY%20ad03.png> is resized in HTML or CSS from 600x1050 to 120x240. Serving a scaled image could save 283.0KiB (95% reduction).
- [http://www.passthewheel.com/images/Op\\_feel\\_good.jpg](http://www.passthewheel.com/images/Op_feel_good.jpg) is resized in HTML or CSS from 293x512 to 120x240. Serving a scaled image could save 48.9KiB (80% reduction).
- [http://www.passthewheel.com/images/TMW\\_Ad\\_New.jpg](http://www.passthewheel.com/images/TMW_Ad_New.jpg) is resized in HTML or CSS from 293x512 to 120x240. Serving a scaled image could save 42.2KiB (80% reduction).
- [http://pagead2.googlesyndication.com/pagead/images/nessie\\_icon\\_tiamat\\_white.png](http://pagead2.googlesyndication.com/pagead/images/nessie_icon_tiamat_white.png) is resized in HTML or CSS from 26x42 to 17x28. Serving a scaled image could save 127B (56% reduction).

#### Specify image dimensions

 C (70)

↑ Avg Score: **51%**

Images

High

The following image(s) are missing width and/or height attributes.

- <http://pagead2.googlesyndication.com/pagead/images/google-logo.png> (Dimensions: 106 x 36) (3 uses)
- [http://pagead2.googlesyndication.com/pagead/images/nessie\\_icon\\_tiamat\\_white.png](http://pagead2.googlesyndication.com/pagead/images/nessie_icon_tiamat_white.png) (Dimensions: 26 x 42) (3 uses)

#### Prefer asynchronous resources

 C (70)

↓ Avg Score: **95%**

JS

Medium

The following resources are loaded synchronously. Load them asynchronously to reduce blocking of page rendering.

- <http://www.passthewheel.com/> loads <http://apis.google.com/js/plusone.js> synchronously.
- <http://www.passthewheel.com/> loads <http://platform.twitter.com/widgets.js> synchronously.

**Avoid a character set in the meta tag** B (85) ↓ Avg Score: 96% Content High

The following resources have a character set specified in a meta tag. Specifying a character set in a meta tag disables the lookahead downloader in IE8. To improve resource download parallelization, move the character set to the HTTP Content-Type response header.

- <http://www.passthewheel.com/>

**Minimize redirects** B (87) ⬆ Avg Score: 91% Content High

Remove the following redirect chain if possible:

- <http://b.scorecardresearch.com/b?c1=7&c2=2000001&c3=1&rn=t8u2kf&c7=http%3A%2F%2Fwww.passthewheel.com%2F&c8=Drivers%20License%20Practice&cv=1.7>
- <http://b.scorecardresearch.com/b2?c1=7&c2=2000001&c3=1&rn=t8u2kf&c7=http%3A%2F%2Fwww.passthewheel.com%2F&c8=Drivers%20License%20Practice&cv=1.7>

Remove the following redirect chain if possible:

- [http://www.facebook.com/plugins/like.php?action=like&app\\_id=172525162793917&channel=http%3A%2F%2Fstatic.ak.facebook.com%2Fconnect%2Fxd\\_arbiter%2F7r8gQb8MlqE.js%3Fversion%3D41%23cb%3Df3ac6436887ad86%26domain%3Dwww.passthewheel.com%26origin%3Dhttp%253A%252F%252Fwww.passthewheel.com%252Ffb39614ea96922%26relation%3Dparent.parent&font=arial&href=http%3A%2F%2Fwww.passthewheel.com%2F&layout=button\\_count&locale=en\\_US&ref=.VK4LVmXbG-k.like&sdk=joey&send=false&show\\_faces=false&width=90](http://www.facebook.com/plugins/like.php?action=like&app_id=172525162793917&channel=http%3A%2F%2Fstatic.ak.facebook.com%2Fconnect%2Fxd_arbiter%2F7r8gQb8MlqE.js%3Fversion%3D41%23cb%3Df3ac6436887ad86%26domain%3Dwww.passthewheel.com%26origin%3Dhttp%253A%252F%252Fwww.passthewheel.com%252Ffb39614ea96922%26relation%3Dparent.parent&font=arial&href=http%3A%2F%2Fwww.passthewheel.com%2F&layout=button_count&locale=en_US&ref=.VK4LVmXbG-k.like&sdk=joey&send=false&show_faces=false&width=90)
- [https://www.facebook.com/plugins/like.php?action=like&app\\_id=172525162793917&channel=http%3A%2F%2Fstatic.ak.facebook.com%2Fconnect%2Fxd\\_arbiter%2F7r8gQb8MlqE.js%3Fversion%3D41%23cb%3Df3ac6436887ad86%26domain%3Dwww.passthewheel.com%26origin%3Dhttp%253A%252F%252Fwww.passthewheel.com%252Ffb39614ea96922%26relation%3Dparent.parent&font=arial&href=http%3A%2F%2Fwww.passthewheel.com%2F&layout=button\\_count&locale=en\\_US&ref=.VK4LVmXbG-k.like&sdk=joey&send=false&show\\_faces=false&width=90](https://www.facebook.com/plugins/like.php?action=like&app_id=172525162793917&channel=http%3A%2F%2Fstatic.ak.facebook.com%2Fconnect%2Fxd_arbiter%2F7r8gQb8MlqE.js%3Fversion%3D41%23cb%3Df3ac6436887ad86%26domain%3Dwww.passthewheel.com%26origin%3Dhttp%253A%252F%252Fwww.passthewheel.com%252Ffb39614ea96922%26relation%3Dparent.parent&font=arial&href=http%3A%2F%2Fwww.passthewheel.com%2F&layout=button_count&locale=en_US&ref=.VK4LVmXbG-k.like&sdk=joey&send=false&show_faces=false&width=90)

Remove the following redirect chain if possible:

- <https://www.google.com/pagead/drt/ui>
- <https://googleads.g.doubleclick.net/pagead/drt/si?p=CAA&ut=AFAXlQAAAAVK4PRN2MzvO1BtjTCWxPjv3L4dOJj5VT>

**Enable gzip compression** A (91) ↑ Avg Score: 82% Server High

Compressing the following resources with gzip could reduce their transfer size by 153.0KiB (69% reduction).

- Compressing <https://fbstatic-a.akamaihd.net/rsrc.php/v2/yp/r/p4-33YuU8FT.js> could save 152.9KiB (69% reduction).
- Compressing <http://i.vimeocdn.com/crossdomain.xml> could save 70B (34% reduction).
- Compressing <http://fonts.googleapis.com/css?family=Slabo+27px> could save 48B (20% reduction).

**Specify a Vary: Accept-Encoding header** A (92) ⬆ Avg Score: 90% Server High

The following publicly cacheable, compressible resources should have a "Vary: Accept-Encoding" header:

- <http://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js>
- <http://pagead2.googlesyndication.com/pagead/js/r20141209/r20110914/abg.js>
- [http://pagead2.googlesyndication.com/pagead/js/r20141209/r20141212/expansion\\_embed.js](http://pagead2.googlesyndication.com/pagead/js/r20141209/r20141212/expansion_embed.js)
- <http://pagead2.googlesyndication.com/pagead/osd.js>
- [http://pagead2.googlesyndication.com/pagead/show\\_ads.js](http://pagead2.googlesyndication.com/pagead/show_ads.js)
- <https://fbstatic-a.akamaihd.net/rsrc.php/v2/yp/r/p4-33YuU8FT.js>
- <https://oauth.googleusercontent.com/gadgets/js/core:rpc:shindig.random:shindig.sha1.js?c=2>

**Serve resources from a consistent URL** A (93) ⬆ Avg Score: 95% Content High

The following resources have identical contents, but are served from different URLs. Serve these resources from a consistent URL to save 1 request(s) and 21.0KiB.

- <http://platform.twitter.com/widgets/hub.fe4e93d64f1afc988e99833088f71057.html>

- <https://platform.twitter.com/widgets/hub.fe4e93d64f1afc988e99833088f71057.html>

### Avoid landing page redirects

A (95)

⚡ Avg Score: 97%

Server

High

To speed up page load times for visitors of your site, remove as many landing page redirections as possible, and make any required redirections cacheable if possible.

- <http://passthewheel.com/> is a permanent redirect to <http://www.passthewheel.com/>

### Remove query strings from static resources

A (95)

⬆ Avg Score: 87%

Content

High

Resources with a "?" in the URL are not cached by some proxy caching servers. Remove the query string and encode the parameters into the URL for the following resources:

- <http://cdn.syndication.twitter.com/widgets/tweetbutton/count.json?url=http%3A%2F%2Fwww.passthewheel.com%2F&callback=twtr.receiveCount>
- [http://f.vimeocdn.com/p/flash/moogalooop/6.0.28/moogalooop.swf?clip\\_id=110183646&z=1420692412770](http://f.vimeocdn.com/p/flash/moogalooop/6.0.28/moogalooop.swf?clip_id=110183646&z=1420692412770)
- <http://i.vimeocdn.com/video/494337910.jpg?mw=500>
- <https://oauth.googleusercontent.com/gadgets/js/core:rpc:shindig.random:shindig.sha1.js?c=2>

### Specify a cache validator

A (95)

⚡ Avg Score: 93%

Server

High

The following resources are missing a cache validator. Resources that do not specify a cache validator cannot be refreshed efficiently. Specify a Last-Modified or ETag header to enable cache validation for the following resources:

- <http://fonts.googleapis.com/css?family=Slabo+27px> `<=en`
- <http://i.vimeocdn.com/video/494337910.jpg?mw=500>
- <http://www.googletagmanager.com/gtm.js?id=GTM-KX2RZK>
- <https://oauth.googleusercontent.com/gadgets/js/core:rpc:shindig.random:shindig.sha1.js?c=2>

### Specify a character set early

A (95)

⚡ Avg Score: 98%

Content

High

The following resources have no character set specified in their HTTP headers. Specifying a character set in HTTP headers can speed up browser rendering.

- <http://www.passthewheel.com/>

### Minify HTML

A (96)

⚡ Avg Score: 93%

Content

High

Minifying the following HTML resources could reduce their size by 17.7KiB (8% reduction).

- Minifying [http://platform.twitter.com/widgets/tweet\\_button.c27d2d163408c0fe087fbfe1c687ce2b.en.html](http://platform.twitter.com/widgets/tweet_button.c27d2d163408c0fe087fbfe1c687ce2b.en.html) could save 5.9KiB (32% reduction) after compression. See [optimized version](#)
- Minifying <http://platform.twitter.com/widgets/hub.fe4e93d64f1afc988e99833088f71057.html> could save 4.6KiB (60% reduction) after compression. See [optimized version](#)
- Minifying <https://platform.twitter.com/widgets/hub.fe4e93d64f1afc988e99833088f71057.html> could save 4.6KiB (60% reduction) after compression. See [optimized version](#)
- Minifying <http://www.passthewheel.com/> could save 1.9KiB (20% reduction) after compression. See [optimized version](#)
- Minifying [https://apis.google.com/se/0/\\_/+1/fastbutton?usegapi=1&size=medium&hl=en-US&origin=http%3A%2F%2Fwww.passthewheel.com&url=http%3A%2F%2Fwww.passthewheel.com%2F&gsrc=3p&ic=1&jsh=m%3B%2F%2Fscs%2Fapps-static%2F%2Fjs%2Fk%3Doz.gapi.en\\_GB.tbpiAen9iRA.O%2Fm%3D\\_features\\_%2Fam%3DAQ%2Frt%3Dj%2Fd%3D1%2Ft%3Dzcms%2Frs%3DAGLTcCn251OZaPO2fw7LED3grUqdDlcWCw](https://apis.google.com/se/0/_/+1/fastbutton?usegapi=1&size=medium&hl=en-US&origin=http%3A%2F%2Fwww.passthewheel.com&url=http%3A%2F%2Fwww.passthewheel.com%2F&gsrc=3p&ic=1&jsh=m%3B%2F%2Fscs%2Fapps-static%2F%2Fjs%2Fk%3Doz.gapi.en_GB.tbpiAen9iRA.O%2Fm%3D_features_%2Fam%3DAQ%2Frt%3Dj%2Fd%3D1%2Ft%3Dzcms%2Frs%3DAGLTcCn251OZaPO2fw7LED3grUqdDlcWCw) could save 215B (2% reduction) after compression. See [optimized version](#)
- Minifying [http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&output=html&h=90&slotname=9517427079&adk=2070963919&w=728&h=280&mt=1420692411&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412406&bpp=5&bdt=836&shv=r20141209&cbv=r20141212&saldr=sa&prev\\_fmfs=336x260%2C336x280&correlator=5322985844519&frm=20&ga\\_vid=240697803.1420692413&ga\\_sid=1420692413&ga\\_hid=451338341&ga\\_fc=0&u\\_tz=-480&u\\_his=1&u\\_java=0&u\\_h=875&u\\_w=1024&u\\_ah=875&u\\_aw=1024&u\\_cd=24&u\\_nplug=1&u\\_nmime=2&dff=serif&dfs=16&adx=195&ady=2319&biw=1024&bih=790&eid=317150304&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppjlf&fu=0&bc=1&ifi=3&xpc=F9AApCLZ3R&p=http%3A//www.passthewheel.com&dtid=1422](http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&output=html&h=90&slotname=9517427079&adk=2070963919&w=728&h=280&mt=1420692411&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412406&bpp=5&bdt=836&shv=r20141209&cbv=r20141212&saldr=sa&prev_fmfs=336x260%2C336x280&correlator=5322985844519&frm=20&ga_vid=240697803.1420692413&ga_sid=1420692413&ga_hid=451338341&ga_fc=0&u_tz=-480&u_his=1&u_java=0&u_h=875&u_w=1024&u_ah=875&u_aw=1024&u_cd=24&u_nplug=1&u_nmime=2&dff=serif&dfs=16&adx=195&ady=2319&biw=1024&bih=790&eid=317150304&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppjlf&fu=0&bc=1&ifi=3&xpc=F9AApCLZ3R&p=http%3A//www.passthewheel.com&dtid=1422) could save 141B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub->

- 5927018329349887&format=336x280&output=html&h=280&slotname=3237536672&adk=2101248137&w=336&h=280&mt=1420692411&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412359&bpp=34&bd=790&shv=r20141209&cbv=r20141212&saldr=aa&prev\_fm=336x260&correlator=5322985844519&frm=20&ga\_vid=240697803.1420692413&ga\_sid=1420692413&ga\_hid=451338341&ga\_fc=0&u\_tz=-480&u\_his=1&u\_java=0&u\_h=875&u\_w=1024&u\_ah=875&u\_aw=1024&u\_cd=24&u\_nplug=1&u\_nmime=2&dff=serif&dfs=16&adx=587&ady=1926&biw=1024&bih=790&eid=317150304&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppjl=f&fu=0&bc=1&ifi=2&xpc=n0VM5yfpYG&p=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1293 could save 123B (1% reduction) after compression. See [optimized version](#)
- Minifying [http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&format=336x260&output=html&h=260&slotname=9406554277&adk=1737772127&w=336&h=260&mt=1420692411&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412359&bpp=13&bd=789&shv=r20141209&cbv=r20141212&saldr=aa&correlator=5322985844519&frm=20&ga\\_vid=240697803.1420692413&ga\\_sid=1420692413&ga\\_hid=451338341&ga\\_fc=0&u\\_tz=-480&u\\_his=1&u\\_java=0&u\\_h=875&u\\_w=1024&u\\_ah=875&u\\_aw=1024&u\\_cd=24&u\\_nplug=1&u\\_nmime=2&dff=serif&dfs=16&adx=587&ady=1069&biw=1024&bih=790&eid=317150304%2C828064100&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppjl=f&fu=0&bc=1&ifi=1&xpc=7yloQnq5Qe&p=http%3A%2F%2Fwww.passthewheel.com%2F&dt=728](http://googleads.g.doubleclick.net/pagead/ads?client=ca-pub-5927018329349887&format=336x260&output=html&h=260&slotname=9406554277&adk=1737772127&w=336&h=260&mt=1420692411&flash=11.2.202&url=http%3A%2F%2Fwww.passthewheel.com%2F&dt=1420692412359&bpp=13&bd=789&shv=r20141209&cbv=r20141212&saldr=aa&correlator=5322985844519&frm=20&ga_vid=240697803.1420692413&ga_sid=1420692413&ga_hid=451338341&ga_fc=0&u_tz=-480&u_his=1&u_java=0&u_h=875&u_w=1024&u_ah=875&u_aw=1024&u_cd=24&u_nplug=1&u_nmime=2&dff=serif&dfs=16&adx=587&ady=1069&biw=1024&bih=790&eid=317150304%2C828064100&oid=3&rx=0&eae=0&fc=8&brdim=%2C%2C0%2C0%2C1024%2C0%2C1024%2C875%2C1024%2C790&vis=1&abl=NS&ppjl=f&fu=0&bc=1&ifi=1&xpc=7yloQnq5Qe&p=http%3A%2F%2Fwww.passthewheel.com%2F&dt=728) could save 122B (1% reduction) after compression. See [optimized version](#)
- Minifying [http://static.ak.facebook.com/connect/xd\\_arbiter/7r8gQb8MlqE.js?version=41](http://static.ak.facebook.com/connect/xd_arbiter/7r8gQb8MlqE.js?version=41) could save 46B (1% reduction) after compression. See [optimized version](#)
- Minifying [https://s-static.ak.facebook.com/connect/xd\\_arbiter/7r8gQb8MlqE.js?version=41](https://s-static.ak.facebook.com/connect/xd_arbiter/7r8gQb8MlqE.js?version=41) could save 46B (1% reduction) after compression. See [optimized version](#)
- Minifying [http://googleads.g.doubleclick.net/pagead/html/r20141209/r20141212/zrt\\_lookup.html](http://googleads.g.doubleclick.net/pagead/html/r20141209/r20141212/zrt_lookup.html) could save 37B (1% reduction) after compression. See [optimized version](#)
- Minifying [https://www.facebook.com/plugins/like.php?action=like&app\\_id=172525162793917&channel=http%3A%2F%2Fstatic.ak.facebook.com%2Fconnect%2Fxd\\_arbiter%2F7r8gQb8MlqE.js%3Fversion%3D41%23cb%3Df3ac6436887ad86%26domain%3Dwww.passthewheel.com%26origin%3Dhttp%253A%252F%252Fwww.passthewheel.com%252Ffb39614ea96922%26relation%3Dparent.parent&font=arial&href=http%3A%2F%2Fwww.passthewheel.com%2F&layout=button\\_count&locale=en\\_US&ref=.VK4LvMxbG-k.like&sdk=joey&send=false&show\\_faces=false&width=90](https://www.facebook.com/plugins/like.php?action=like&app_id=172525162793917&channel=http%3A%2F%2Fstatic.ak.facebook.com%2Fconnect%2Fxd_arbiter%2F7r8gQb8MlqE.js%3Fversion%3D41%23cb%3Df3ac6436887ad86%26domain%3Dwww.passthewheel.com%26origin%3Dhttp%253A%252F%252Fwww.passthewheel.com%252Ffb39614ea96922%26relation%3Dparent.parent&font=arial&href=http%3A%2F%2Fwww.passthewheel.com%2F&layout=button_count&locale=en_US&ref=.VK4LvMxbG-k.like&sdk=joey&send=false&show_faces=false&width=90) could save 34B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://s7.addthis.com/static/r07/sh184.html> could save 30B (1% reduction) after compression. See [optimized version](#)
- Minifying <https://accounts.google.com/o/oauth2/postmessageRelay?parent=http%3A%2F%2Fwww.passthewheel.com> could save 19B (6% reduction) after compression. See [optimized version](#)
- Minifying <http://googleads.g.doubleclick.net/pagead/drt/s?v=r20120211> could save 9B (7% reduction) after compression. See [optimized version](#)

## Minify CSS

A (98)

↑ Avg Score: 86%

CSS

High

Minifying the following CSS resources could reduce their size by 299B (2% reduction).

- Minifying <http://www.passthewheel.com/styles/styles.css> could save 276B (13% reduction) after compression. See [optimized version](#)
- Minifying <http://fonts.googleapis.com/css?family=Slabo+27px<=en> could save 19B (8% reduction). See [optimized version](#)
- Minifying [http://s7.addthis.com/static/r07/widget/css/widget009\\_old.css](http://s7.addthis.com/static/r07/widget/css/widget009_old.css) could save 4B (1% reduction) after compression. See [optimized version](#)

## Minify JavaScript

A (98)

↑ Avg Score: 91%

JS

High

Minifying the following JavaScript resources could reduce their size by 7.9KiB (1% reduction).

- Minifying <https://fbstatic-a.akamaihd.net/rsrc.php/v2/yp/r/p4-33YuU8FT.js> could save 2.4KiB (2% reduction). See [optimized version](#)
- Minifying <https://oauth.googleusercontent.com/gadgets/js/core:rpc:shindig.random:shindig.sha1.js?c=2> could save 656B (3% reduction) after compression. See [optimized version](#)
- Minifying [http://pagead2.googlesyndication.com/pagead/js/r20141209/r20141212/expansion\\_embed.js](http://pagead2.googlesyndication.com/pagead/js/r20141209/r20141212/expansion_embed.js) could save 499B (1% reduction) after compression. See [optimized version](#)
- Minifying [https://apis.google.com/\\_scs/apps-static/\\_js/k=oz.gapi.en\\_GB.tbpiAen9iRA.O/m=googleapis\\_client,iframes\\_styles\\_bubble\\_internal,gapi\\_iframes\\_style\\_common,gapi\\_iframes\\_iframer/rt=ij/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded\\_0](https://apis.google.com/_scs/apps-static/_js/k=oz.gapi.en_GB.tbpiAen9iRA.O/m=googleapis_client,iframes_styles_bubble_internal,gapi_iframes_style_common,gapi_iframes_iframer/rt=ij/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded_0) could save 484B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://www.passthewheel.com/scripts/passthewheel.js> could save 445B (14% reduction) after compression. See [optimized version](#)
- Minifying [https://apis.google.com/\\_scs/apps-static/\\_js/k=oz.gapi.en\\_GB.tbpiAen9iRA.O/m=plusone/rt=ij/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded\\_0](https://apis.google.com/_scs/apps-static/_js/k=oz.gapi.en_GB.tbpiAen9iRA.O/m=plusone/rt=ij/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded_0) could save 391B (1% reduction) after compression. See [optimized version](#)
- Minifying [http://pagead2.googlesyndication.com/pagead/js/r20141209/r20141212/show\\_ads\\_impl.js](http://pagead2.googlesyndication.com/pagead/js/r20141209/r20141212/show_ads_impl.js) could save 374B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://s7.addthis.com/static/r07/core177.js> could save 349B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://platform.twitter.com/widgets.js> could save 339B (1% reduction) after compression. See [optimized version](#)

- Minifying <http://www.googletagmanager.com/gtm.js?id=GTM-KX2RZK> could save 313B (3% reduction) after compression. See [optimized version](#)
- Minifying [https://apis.google.com/\\_scs/apps-static/\\_js/k=oz.plusone.en\\_US.EGnL6V6f76o.O/m=p1b.p1p/rt=j/sv=1/d=1/ed=1/rs=AGLTcCOZCX0OQFj\\_R73hvhaEbqBXcpMxkg/t=zcms/cb=gapi.loaded\\_1](https://apis.google.com/_scs/apps-static/_js/k=oz.plusone.en_US.EGnL6V6f76o.O/m=p1b.p1p/rt=j/sv=1/d=1/ed=1/rs=AGLTcCOZCX0OQFj_R73hvhaEbqBXcpMxkg/t=zcms/cb=gapi.loaded_1) could save 305B (2% reduction) after compression. See [optimized version](#)
- Minifying [http://connect.facebook.net/en\\_US/all.js](http://connect.facebook.net/en_US/all.js) could save 291B (1% reduction) after compression. See [optimized version](#)
- Minifying [https://apis.google.com/\\_scs/apps-static/\\_js/k=oz.gapi.en\\_GB.tbpiAen9iRA.O/m=auth/exm=plusone/rt=j/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDl\\_cWCw/t=zcms/cb=gapi.loaded\\_1](https://apis.google.com/_scs/apps-static/_js/k=oz.gapi.en_GB.tbpiAen9iRA.O/m=auth/exm=plusone/rt=j/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDl_cWCw/t=zcms/cb=gapi.loaded_1) could save 170B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://pagead2.googlesyndication.com/pagead/osd.js> could save 139B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://pagead2.googlesyndication.com/pagead/js/r20141209/r20110914/abg.js> could save 127B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://stats.g.doubleclick.net/dc.js> could save 102B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://www.google-analytics.com/ga.js> could save 96B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://f.vimeocdn.com/p/2.5.24/js/moogaloop.js> could save 93B (2% reduction) after compression. See [optimized version](#)
- Minifying [http://pagead2.googlesyndication.com/bq/7L6JNP8ythNSI-IPS\\_3oG9A3FIEIidrrXg1SKECHPZ8.js](http://pagead2.googlesyndication.com/bq/7L6JNP8ythNSI-IPS_3oG9A3FIEIidrrXg1SKECHPZ8.js) could save 83B (3% reduction) after compression. See [optimized version](#)
- Minifying <https://apis.google.com/js/plusone.js> could save 75B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://www.google-analytics.com/analytics.js> could save 69B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js> could save 63B (1% reduction) after compression. See [optimized version](#)
- Minifying [http://pagead2.googlesyndication.com/pagead/show\\_ads.js](http://pagead2.googlesyndication.com/pagead/show_ads.js) could save 42B (1% reduction) after compression. See [optimized version](#)
- Minifying [https://s7.addthis.com/js/250/addthis\\_widget.js?pub=passthewheel](https://s7.addthis.com/js/250/addthis_widget.js?pub=passthewheel) could save 30B (1% reduction) after compression. See [optimized version](#)
- Minifying <https://ssl.gstatic.com/accounts/o/919662793-postmessengerelay.js> could save 23B (1% reduction) after compression. See [optimized version](#)
- Minifying <https://apis.google.com/js/api.js> could save 14B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://s7.addthis.com/static/r07/menu169.js> could save 8B (1% reduction) after compression. See [optimized version](#)
- Minifying <http://cdn.syndication.twitter.com/widgets/tweetbutton/count.json?url=http%3A%2F%2Fwww.passthewheel.com%2F&callback=twtr.receiveCount> could save 4B (5% reduction) after compression. See [optimized version](#)
- Minifying <http://www.gstatic.com/pub-config/ca-pub-5927018329349887.js> could save 4B (4% reduction) after compression. See [optimized version](#)

#### Enable Keep-Alive

A (99)

⚡ Avg Score: 97%

Server

High

The host vimeocdn.com should enable Keep-Alive. It serves the following resources.

- <http://i.vimeocdn.com/crossdomain.xml>

#### Avoid bad requests

A (100)

⚡ Avg Score: 97%

Content

High

You scored 100% on this suggestion - nothing to do here!

#### Inline small CSS

A (100)

↑ Avg Score: 94%

CSS

High

You scored 100% on this suggestion - nothing to do here!

#### Inline small JavaScript

A (100)

⚡ Avg Score: 97%

JS

High

You scored 100% on this suggestion - nothing to do here!

#### Minimize request size

A (100)

⚡ Avg Score: 99%

Content

High

You scored 100% on this suggestion - nothing to do here!

#### Optimize the order of styles and scripts

A (100)

↑ Avg Score: 93%

CSS/JS

High

You scored 100% on this suggestion - nothing to do here!

#### Put CSS in the document head

A (100)

⚡ Avg Score: 100%

CSS

High

You scored 100% on this suggestion - nothing to do here!

#### Avoid CSS @import

A (100)

⚡ Avg Score: 96%

CSS

Medium

You scored 100% on this suggestion - nothing to do here!



## YSlow Recommendations

RECOMMENDATION	GRADE	RELATIVE	TYPE	PRIORITY
Add Expires headers	F (0)	↓ Avg Score: 25%	Server	High

There are 74 static components without a far-future expiration date.

- <http://www.passthewheel.com/styles/styles.css>
- <http://www.passthewheel.com/scripts/passthewheel.js>
- [http://www.passthewheel.com/images/top\\_left\\_logo\\_passthewheel.gif](http://www.passthewheel.com/images/top_left_logo_passthewheel.gif)
- [http://www.passthewheel.com/images/clear\\_spacer.gif](http://www.passthewheel.com/images/clear_spacer.gif)
- [http://www.passthewheel.com/images/top\\_left\\_bottom.gif](http://www.passthewheel.com/images/top_left_bottom.gif)
- [http://www.passthewheel.com/images/top\\_right\\_graphic\\_car.jpg](http://www.passthewheel.com/images/top_right_graphic_car.jpg)
- [http://www.passthewheel.com/images/flag\\_canada\\_menu.gif](http://www.passthewheel.com/images/flag_canada_menu.gif)
- [http://www.passthewheel.com/images/flag\\_usa\\_menu.gif](http://www.passthewheel.com/images/flag_usa_menu.gif)
- <http://www.passthewheel.com/images/testimonials.jpg>
- [http://www.passthewheel.com/images/button\\_free\\_road\\_test\\_checklist.jpg](http://www.passthewheel.com/images/button_free_road_test_checklist.jpg)
- [http://www.passthewheel.com/images/free\\_giveaway\\_link.gif](http://www.passthewheel.com/images/free_giveaway_link.gif)
- [https://s7.addthis.com/js/250/addthis\\_widget.js?pub=passthewheel](https://s7.addthis.com/js/250/addthis_widget.js?pub=passthewheel)
- [http://s.passthewheel.com/images/get\\_started.gif](http://s.passthewheel.com/images/get_started.gif)
- [http://s.passthewheel.com/images/flags\\_homepage\\_canada.gif](http://s.passthewheel.com/images/flags_homepage_canada.gif)
- <http://pagead2.googlesyndication.com/pagead/js/adsbygoogle.js>
- [http://s.passthewheel.com/images/flags\\_homepage\\_usa.gif](http://s.passthewheel.com/images/flags_homepage_usa.gif)
- <http://www.passthewheel.com/images/checkmark.gif>
- <http://s.passthewheel.com/images/lock-24x24.png>
- [http://s.passthewheel.com/images/payment\\_options.gif](http://s.passthewheel.com/images/payment_options.gif)
- [http://s.passthewheel.com/images/comodo\\_horz\\_master\\_85pixels.gif](http://s.passthewheel.com/images/comodo_horz_master_85pixels.gif)
- [http://s.passthewheel.com/images/InstantSSL-DV\\_tl\\_trans.gif](http://s.passthewheel.com/images/InstantSSL-DV_tl_trans.gif)
- [http://pagead2.googlesyndication.com/pagead/show\\_ads.js](http://pagead2.googlesyndication.com/pagead/show_ads.js)
- <http://www.passthewheel.com/images/facebook-logo.png>
- <http://www.passthewheel.com/images/follow-us-on-twitter.gif>
- [http://www.passthewheel.com/images/TMW\\_Ad\\_New.jpg](http://www.passthewheel.com/images/TMW_Ad_New.jpg)
- [http://www.passthewheel.com/images/Op\\_feel\\_good.jpg](http://www.passthewheel.com/images/Op_feel_good.jpg)
- <http://www.passthewheel.com/images/FIY%20ad03.png>
- [http://www.passthewheel.com/images/Stretch\\_Yourself\\_Skyscraper.jpg](http://www.passthewheel.com/images/Stretch_Yourself_Skyscraper.jpg)
- [http://www.passthewheel.com/images/message\\_board.gif](http://www.passthewheel.com/images/message_board.gif)
- [http://www.passthewheel.com/images/bottom\\_right.gif](http://www.passthewheel.com/images/bottom_right.gif)
- [http://www.passthewheel.com/images/top\\_left\\_bg.gif](http://www.passthewheel.com/images/top_left_bg.gif)
- [http://www.passthewheel.com/images/top\\_middle\\_bg2.gif](http://www.passthewheel.com/images/top_middle_bg2.gif)
- <http://www.passthewheel.com/images/btn-login1.gif>
- [http://www.passthewheel.com/images/top\\_menu\\_link\\_bg.gif](http://www.passthewheel.com/images/top_menu_link_bg.gif)
- [http://www.passthewheel.com/images/top\\_menu\\_bg.gif](http://www.passthewheel.com/images/top_menu_bg.gif)
- [http://www.passthewheel.com/images/top\\_middle\\_bottom\\_bg.gif](http://www.passthewheel.com/images/top_middle_bottom_bg.gif)
- [http://www.passthewheel.com/images/left\\_column\\_bg.gif](http://www.passthewheel.com/images/left_column_bg.gif)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_top.jpg](http://www.passthewheel.com/images/product_list2_bg_top.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_title.jpg](http://www.passthewheel.com/images/product_list2_bg_title.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_middle.jpg](http://www.passthewheel.com/images/product_list2_bg_middle.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_bottom.jpg](http://www.passthewheel.com/images/product_list2_bg_bottom.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_top.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_top.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_canada.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_canada.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_license.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_license.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_middle.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_middle.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_usa.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_usa.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_bottom.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_bottom.jpg)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlea.gif](http://www.passthewheel.com/images/titles4_bg_titlea.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titleb.gif](http://www.passthewheel.com/images/titles4_bg_titleb.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlec.gif](http://www.passthewheel.com/images/titles4_bg_titlec.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_middle.gif](http://www.passthewheel.com/images/titles4_bg_middle.gif)

- [http://www.passthewheel.com/images/titles4\\_bg\\_right.jpg](http://www.passthewheel.com/images/titles4_bg_right.jpg)
- <http://www.gstatic.com/pub-config/ca-pub-5927018329349887.js>
- <http://www.passthewheel.com/images/ad-badge.gif>
- <http://www.googletagmanager.com/gtm.js?id=GTM-KX2RZK>
- <http://www.google-analytics.com/analytics.js>
- [http://www.passthewheel.com/images/bottom\\_middle\\_bg.gif](http://www.passthewheel.com/images/bottom_middle_bg.gif)
- [http://www.passthewheel.com/images/bottom\\_right\\_copyright.gif](http://www.passthewheel.com/images/bottom_right_copyright.gif)
- [http://www.passthewheel.com/images/right\\_column\\_bg.gif](http://www.passthewheel.com/images/right_column_bg.gif)
- [http://connect.facebook.net/en\\_US/all.js](http://connect.facebook.net/en_US/all.js)
- <http://platform.twitter.com/widgets.js>
- <http://apis.google.com/js/plusone.js>
- <http://www.google-analytics.com/ga.js>
- <http://stats.g.doubleclick.net/dc.js>
- <http://pagead2.googlesyndication.com/pagead/osd.js>
- [http://m.addthis.com/live/red\\_lojson/300lo.json?1fb0nix&colc=1420692413508&si=54ae0bbc51578967&uid=54ae0bbdd9b79fe0&pub=passthewheel&rev=13.1&jsl=64&ln=en&pc=men&vpc=&ab=0&dp=www.passthewheel.com&aa=0&of=0&uf=1&nt=cs;0.ce:0.dc:853.dclce:853.dcles:853.di:559.dl:275.dle:1.dls:1.fs:0.lee:u.l es:853.ns:0.rs:104.rspe:127.rsps:126.scs:u&pd=0&irt=0&md=0&ct=1&tct=0&lt=869&cdn=0&Inlc=US&whcs=1&tl=c%3DNaN%2Cm%3DNa N%2Ci%3DNaN%2Cxm%3D1279%2Cxp%3D1282&pi=1&&rb=0&gen=1000&gen=100&callback= ate.track.hsr&chr=UTF- 8&mk=practice%20drivers%20license%20test%2Cdrivers%20license%20practice%20test%2Cdriving%20license%20test%2Cdriving%20 permit%20test%2Cpermit%20driving%20test%2Cdriving%20licence%20test&uvs=54ae0bbcf6bc6381000](http://m.addthis.com/live/red_lojson/300lo.json?1fb0nix&colc=1420692413508&si=54ae0bbc51578967&uid=54ae0bbdd9b79fe0&pub=passthewheel&rev=13.1&jsl=64&ln=en&pc=men&vpc=&ab=0&dp=www.passthewheel.com&aa=0&of=0&uf=1&nt=cs;0.ce:0.dc:853.dclce:853.dcles:853.di:559.dl:275.dle:1.dls:1.fs:0.lee:u.l es:853.ns:0.rs:104.rspe:127.rsps:126.scs:u&pd=0&irt=0&md=0&ct=1&tct=0&lt=869&cdn=0&Inlc=US&whcs=1&tl=c%3DNaN%2Cm%3DNa N%2Ci%3DNaN%2Cxm%3D1279%2Cxp%3D1282&pi=1&&rb=0&gen=1000&gen=100&callback= ate.track.hsr&chr=UTF- 8&mk=practice%20drivers%20license%20test%2Cdrivers%20license%20practice%20test%2Cdriving%20license%20test%2Cdriving%20 permit%20test%2Cpermit%20driving%20test%2Cdriving%20licence%20test&uvs=54ae0bbcf6bc6381000)
- [https://syndication.twitter.com/i/jot?l=%7B%22language%22%3A%22en%22%2C%22message%22%3A%22%3Am%3Awithcount%3A%22%2C%22widget\\_origin%22%3A% 22http%3A%2F%2Fwww.passthewheel.com%2F%22%2C%22\\_category\\_%22%3A%22fw\\_client\\_event%22%2C%22triggered\\_on%22% 3A1420692413588%2C%22dnt%22%3Afalse%2C%22client\\_version%22%3A%22e8d9025beab002c3e4b61a99523392d73e6d4fdb%3 A1419898364203%22%2C%22format\\_version%22%3A1%2C%22event\\_namespace%22%3A%7B%22client%22%3A%22tfw%22%2C% 22page%22%3A%22button%22%2C%22section%22%3A%22share%22%2C%22action%22%3A%22impression%22%7D%7D](https://syndication.twitter.com/i/jot?l=%7B%22language%22%3A%22en%22%2C%22message%22%3A%22%3Am%3Awithcount%3A%22%2C%22widget_origin%22%3A% 22http%3A%2F%2Fwww.passthewheel.com%2F%22%2C%22_category_%22%3A%22fw_client_event%22%2C%22triggered_on%22% 3A1420692413588%2C%22dnt%22%3Afalse%2C%22client_version%22%3A%22e8d9025beab002c3e4b61a99523392d73e6d4fdb%3 A1419898364203%22%2C%22format_version%22%3A1%2C%22event_namespace%22%3A%7B%22client%22%3A%22tfw%22%2C% 22page%22%3A%22button%22%2C%22section%22%3A%22share%22%2C%22action%22%3A%22impression%22%7D%7D)
- <http://cdn.syndication.twitter.com/widgets/tweetbutton/count.json?url=http%3A%2F%2Fwww.passthewheel.com%2F&callback=twtr.receiveCount>
- <http://fonts.googleapis.com/css?family=Slabo+27px&lang=en>
- [http://pagead2.googlesyndication.com/pagead/images/hessie\\_icon\\_tiamat\\_white.png](http://pagead2.googlesyndication.com/pagead/images/hessie_icon_tiamat_white.png)
- <http://pagead2.googlesyndication.com/pagead/images/google-logo.png>
- [http://pagead2.googlesyndication.com/pagead/images/x\\_button\\_blue2.png](http://pagead2.googlesyndication.com/pagead/images/x_button_blue2.png)
- <https://apis.google.com/js/api.js>
- <https://oauth.googleusercontent.com/gadgets/js/core:rpc:shindig.random:shindig.sha1.js?c=2>

#### Make fewer HTTP requests

F (0)

↓ Avg Score: 41%

Content

High

This page has 30 external Javascript scripts. Try combining them into one. This page has 3 external stylesheets. Try combining them into one. This page has 7 external background images. Try combining them with CSS sprites.

#### Use a Content Delivery Network (CDN)

F (0)

↓ Avg Score: 13%

Server

Medium

**Using a CDN YSlow doesn't recognize?** Specify your CDNs in your [User Settings](#).

There are 64 static components that are not on CDN.

- <http://www.passthewheel.com/styles/styles.css>
- <http://www.passthewheel.com/scripts/passthewheel.js>
- [http://www.passthewheel.com/images/top\\_left\\_logo\\_passthewheel.gif](http://www.passthewheel.com/images/top_left_logo_passthewheel.gif)
- [http://www.passthewheel.com/images/clear\\_spacer.gif](http://www.passthewheel.com/images/clear_spacer.gif)
- [http://www.passthewheel.com/images/top\\_left\\_bottom.gif](http://www.passthewheel.com/images/top_left_bottom.gif)
- [http://www.passthewheel.com/images/top\\_right\\_graphic\\_car.jpg](http://www.passthewheel.com/images/top_right_graphic_car.jpg)
- [http://www.passthewheel.com/images/flag\\_canada\\_menu.gif](http://www.passthewheel.com/images/flag_canada_menu.gif)
- [http://www.passthewheel.com/images/flag\\_usa\\_menu.gif](http://www.passthewheel.com/images/flag_usa_menu.gif)
- <http://www.passthewheel.com/images/testimonials.jpg>
- [http://www.passthewheel.com/images/button\\_free\\_road\\_test\\_checklist.jpg](http://www.passthewheel.com/images/button_free_road_test_checklist.jpg)
- [http://www.passthewheel.com/images/free\\_giveaway\\_link.gif](http://www.passthewheel.com/images/free_giveaway_link.gif)
- [https://s7.addthis.com/js/250/addthis\\_widget.js?pub=passthewheel](https://s7.addthis.com/js/250/addthis_widget.js?pub=passthewheel)
- [http://s.passthewheel.com/images/get\\_started.gif](http://s.passthewheel.com/images/get_started.gif)
- [http://s.passthewheel.com/images/flags\\_homepage\\_canada.gif](http://s.passthewheel.com/images/flags_homepage_canada.gif)
- [http://s.passthewheel.com/images/flags\\_homepage\\_usa.gif](http://s.passthewheel.com/images/flags_homepage_usa.gif)
- <http://www.passthewheel.com/images/checkmark.gif>
- <http://s.passthewheel.com/images/lock-24x24.png>
- [http://s.passthewheel.com/images/payment\\_options.gif](http://s.passthewheel.com/images/payment_options.gif)
- [http://s.passthewheel.com/images/comodo\\_horz\\_master\\_85pixels.gif](http://s.passthewheel.com/images/comodo_horz_master_85pixels.gif)
- [http://s.passthewheel.com/images/InstantSSL-DV\\_tl\\_trans.gif](http://s.passthewheel.com/images/InstantSSL-DV_tl_trans.gif)

- <http://www.passthewheel.com/images/facebook-logo.png>
- <http://www.passthewheel.com/images/follow-us-on-twitter.gif>
- [http://www.passthewheel.com/images/TMW\\_Ad\\_New.jpg](http://www.passthewheel.com/images/TMW_Ad_New.jpg)
- [http://www.passthewheel.com/images/Op\\_feel\\_good.jpg](http://www.passthewheel.com/images/Op_feel_good.jpg)
- <http://www.passthewheel.com/images/FIY%20ad03.png>
- [http://www.passthewheel.com/images/Stretch\\_Yourself\\_Skyscraper.jpg](http://www.passthewheel.com/images/Stretch_Yourself_Skyscraper.jpg)
- [http://www.passthewheel.com/images/message\\_board.gif](http://www.passthewheel.com/images/message_board.gif)
- [http://www.passthewheel.com/images/bottom\\_right.gif](http://www.passthewheel.com/images/bottom_right.gif)
- [http://www.passthewheel.com/images/top\\_left\\_bg.gif](http://www.passthewheel.com/images/top_left_bg.gif)
- [http://www.passthewheel.com/images/top\\_middle\\_bg2.gif](http://www.passthewheel.com/images/top_middle_bg2.gif)
- <http://www.passthewheel.com/images/btn-login1.gif>
- [http://www.passthewheel.com/images/top\\_menu\\_link\\_bg.gif](http://www.passthewheel.com/images/top_menu_link_bg.gif)
- [http://www.passthewheel.com/images/top\\_menu\\_bg.gif](http://www.passthewheel.com/images/top_menu_bg.gif)
- [http://www.passthewheel.com/images/top\\_middle\\_bottom\\_bg.gif](http://www.passthewheel.com/images/top_middle_bottom_bg.gif)
- [http://www.passthewheel.com/images/left\\_column\\_bg.gif](http://www.passthewheel.com/images/left_column_bg.gif)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_top.jpg](http://www.passthewheel.com/images/product_list2_bg_top.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_title.jpg](http://www.passthewheel.com/images/product_list2_bg_title.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_middle.jpg](http://www.passthewheel.com/images/product_list2_bg_middle.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_bottom.jpg](http://www.passthewheel.com/images/product_list2_bg_bottom.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_top.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_top.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_canada.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_canada.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_license.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_license.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_middle.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_middle.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_usa.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_usa.jpg)
- [http://s.passthewheel.com/images/menu\\_sample\\_test\\_bg\\_bottom.jpg](http://s.passthewheel.com/images/menu_sample_test_bg_bottom.jpg)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlea.gif](http://www.passthewheel.com/images/titles4_bg_titlea.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titleb.gif](http://www.passthewheel.com/images/titles4_bg_titleb.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlec.gif](http://www.passthewheel.com/images/titles4_bg_titlec.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_middle.gif](http://www.passthewheel.com/images/titles4_bg_middle.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_right.jpg](http://www.passthewheel.com/images/titles4_bg_right.jpg)
- <http://s7.addthis.com/static/r07/core177.js>
- <http://s7.addthis.com/static/r07/widget/css/widget009.old.css>
- <http://www.passthewheel.com/images/ad-badge.gif>
- [http://www.passthewheel.com/images/bottom\\_middle\\_bg.gif](http://www.passthewheel.com/images/bottom_middle_bg.gif)
- [http://www.passthewheel.com/images/bottom\\_right\\_copyright.gif](http://www.passthewheel.com/images/bottom_right_copyright.gif)
- [http://www.passthewheel.com/images/right\\_column\\_bg.gif](http://www.passthewheel.com/images/right_column_bg.gif)
- <http://s7.addthis.com/static/r07/menu169.js>
- [http://f.vimeocdn.com/p/flash/moogaloop/6.0.28/moogaloop.swf?clip\\_id=110183646&z=1420692412770](http://f.vimeocdn.com/p/flash/moogaloop/6.0.28/moogaloop.swf?clip_id=110183646&z=1420692412770)
- <http://f.vimeocdn.com/p/2.5.24/js/moogaloop.js>
- <http://s7.addthis.com/static/r07/widget/img/widget009.old.16.icons.png>
- [http://m.addthis.com/live/red\\_lojson/300lo.json?1fb0nix&colc=1420692413508&si=54ae0bbc51578967&uid=54ae0bbdd9b79fe0&pub=passthewheel&rev=13.1&jsl=64&ln=en&pc=men&vpc=&ab=0&dp=www.passthewheel.com&aa=0&of=0&uf=1&nt=cs;0.ce;0.dc;853.dcl;853.dcles;853.di;559.dl;275.dle;1.dls;1.fs;0.lee;u.l es;853.ns;0.rs;104.rspe;127.rsps;126.scs;u&pd=0&irt=0&md=0&ct=1&tct=0&lt=869&cdn=0&Inlc=US&whcs=1&tl=c%3DNaN%2Cm%3DNa N%2Ci%3DNaN%2Cxm%3D1279%2Cxp%3D1282&pi=1&rb=0&gen=1000&gen=100&callback=\\_ate.track.hsr&chr=UTF-8&mk=practice%20drivers%20license%20test%2Cdrivers%20license%20practice%20test%2Cdriving%20license%20test%2Cdriving%20 permit%20test%2Cpermit%20driving%20test%2Cdriving%20licence%20test&uvs=54ae0bbcf6bc6381000](http://m.addthis.com/live/red_lojson/300lo.json?1fb0nix&colc=1420692413508&si=54ae0bbc51578967&uid=54ae0bbdd9b79fe0&pub=passthewheel&rev=13.1&jsl=64&ln=en&pc=men&vpc=&ab=0&dp=www.passthewheel.com&aa=0&of=0&uf=1&nt=cs;0.ce;0.dc;853.dcl;853.dcles;853.di;559.dl;275.dle;1.dls;1.fs;0.lee;u.l es;853.ns;0.rs;104.rspe;127.rsps;126.scs;u&pd=0&irt=0&md=0&ct=1&tct=0&lt=869&cdn=0&Inlc=US&whcs=1&tl=c%3DNaN%2Cm%3DNa N%2Ci%3DNaN%2Cxm%3D1279%2Cxp%3D1282&pi=1&rb=0&gen=1000&gen=100&callback=_ate.track.hsr&chr=UTF-8&mk=practice%20drivers%20license%20test%2Cdrivers%20license%20practice%20test%2Cdriving%20license%20test%2Cdriving%20 permit%20test%2Cpermit%20driving%20test%2Cdriving%20licence%20test&uvs=54ae0bbcf6bc6381000)
- [https://syndication.twitter.com/i/jot?l=%7B%22language%22%3A%22en%22%2C%22message%22%3A%22%3Am%3Awithcount%3A%22%2C%22widget\\_origin%22%3A% 22http%3A%2F%2Fwww.passthewheel.com%2F%22%2C%22\\_category\\_%22%3A%22fw\\_client\\_event%22%2C%22triggered\\_on%22% 3A1420692413588%2C%22dnt%22%3Afalse%2C%22client\\_version%22%3A%22e8d9025beab002c3e4b61a99523392d73e6d4fdb%3 A1419898364203%22%2C%22format\\_version%22%3A1%2C%22event\\_namespace%22%3A%7B%22client%22%3A%22fw%22%2C% 22page%22%3A%22button%22%2C%22section%22%3A%22share%22%2C%22action%22%3A%22impression%22%7D%7D](https://syndication.twitter.com/i/jot?l=%7B%22language%22%3A%22en%22%2C%22message%22%3A%22%3Am%3Awithcount%3A%22%2C%22widget_origin%22%3A% 22http%3A%2F%2Fwww.passthewheel.com%2F%22%2C%22_category_%22%3A%22fw_client_event%22%2C%22triggered_on%22% 3A1420692413588%2C%22dnt%22%3Afalse%2C%22client_version%22%3A%22e8d9025beab002c3e4b61a99523392d73e6d4fdb%3 A1419898364203%22%2C%22format_version%22%3A1%2C%22event_namespace%22%3A%7B%22client%22%3A%22fw%22%2C% 22page%22%3A%22button%22%2C%22section%22%3A%22share%22%2C%22action%22%3A%22impression%22%7D%7D)
- <http://cdn.syndication.twitter.com/widgets/tweetbutton/count.json?url=http%3A%2F%2Fwww.passthewheel.com%2F&callback=twtr.receiveCount>
- <http://i.vimeocdn.com/video/494337910.jpg?mw=500>

#### Use cookie-free domains

F (0)

↓ Avg Score: 49%

Cookie

Low

There are 48 components that are not cookie-free

- <http://www.passthewheel.com/styles/styles.css>
- <http://www.passthewheel.com/scripts/passthewheel.js>
- [http://www.passthewheel.com/images/top\\_left\\_logo\\_passthewheel.gif](http://www.passthewheel.com/images/top_left_logo_passthewheel.gif)
- [http://www.passthewheel.com/images/clear\\_spacer.gif](http://www.passthewheel.com/images/clear_spacer.gif)
- [http://www.passthewheel.com/images/top\\_left\\_bottom.gif](http://www.passthewheel.com/images/top_left_bottom.gif)
- [http://www.passthewheel.com/images/top\\_right\\_graphic\\_car.jpg](http://www.passthewheel.com/images/top_right_graphic_car.jpg)
- [http://www.passthewheel.com/images/flag\\_canada\\_menu.gif](http://www.passthewheel.com/images/flag_canada_menu.gif)

- [http://www.passthewheel.com/images/flag\\_usa\\_menu.gif](http://www.passthewheel.com/images/flag_usa_menu.gif)
- <http://www.passthewheel.com/images/testimonials.jpg>
- [http://www.passthewheel.com/images/button\\_free\\_road\\_test\\_checklist.jpg](http://www.passthewheel.com/images/button_free_road_test_checklist.jpg)
- [http://www.passthewheel.com/images/free\\_giveaway\\_link.gif](http://www.passthewheel.com/images/free_giveaway_link.gif)
- <http://www.passthewheel.com/images/checkmark.gif>
- <http://www.passthewheel.com/images/facebook-logo.png>
- <http://www.passthewheel.com/images/follow-us-on-twitter.gif>
- [http://www.passthewheel.com/images/TMW\\_Ad\\_New.jpg](http://www.passthewheel.com/images/TMW_Ad_New.jpg)
- [http://www.passthewheel.com/images/Op\\_feel\\_good.jpg](http://www.passthewheel.com/images/Op_feel_good.jpg)
- <http://www.passthewheel.com/images/FLY%20ad03.png>
- [http://www.passthewheel.com/images/Stretch\\_Yourself\\_Skyscraper.jpg](http://www.passthewheel.com/images/Stretch_Yourself_Skyscraper.jpg)
- [http://www.passthewheel.com/images/message\\_board.gif](http://www.passthewheel.com/images/message_board.gif)
- [http://www.passthewheel.com/images/bottom\\_right.gif](http://www.passthewheel.com/images/bottom_right.gif)
- [http://www.passthewheel.com/images/top\\_left\\_bg.gif](http://www.passthewheel.com/images/top_left_bg.gif)
- [http://www.passthewheel.com/images/top\\_middle\\_bg2.gif](http://www.passthewheel.com/images/top_middle_bg2.gif)
- <http://www.passthewheel.com/images/btn-login1.gif>
- [http://www.passthewheel.com/images/top\\_menu\\_link\\_bg.gif](http://www.passthewheel.com/images/top_menu_link_bg.gif)
- [http://www.passthewheel.com/images/top\\_menu\\_bg.gif](http://www.passthewheel.com/images/top_menu_bg.gif)
- [http://www.passthewheel.com/images/top\\_middle\\_bottom\\_bg.gif](http://www.passthewheel.com/images/top_middle_bottom_bg.gif)
- [http://www.passthewheel.com/images/left\\_column\\_bg.gif](http://www.passthewheel.com/images/left_column_bg.gif)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_top.jpg](http://www.passthewheel.com/images/product_list2_bg_top.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_title.jpg](http://www.passthewheel.com/images/product_list2_bg_title.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_middle.jpg](http://www.passthewheel.com/images/product_list2_bg_middle.jpg)
- [http://www.passthewheel.com/images/product\\_list2\\_bg\\_bottom.jpg](http://www.passthewheel.com/images/product_list2_bg_bottom.jpg)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlea.gif](http://www.passthewheel.com/images/titles4_bg_titlea.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titleb.gif](http://www.passthewheel.com/images/titles4_bg_titleb.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_titlec.gif](http://www.passthewheel.com/images/titles4_bg_titlec.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_middle.gif](http://www.passthewheel.com/images/titles4_bg_middle.gif)
- [http://www.passthewheel.com/images/titles4\\_bg\\_right.jpg](http://www.passthewheel.com/images/titles4_bg_right.jpg)
- <http://www.passthewheel.com/images/ad-badge.gif>
- [http://www.passthewheel.com/images/bottom\\_middle\\_bg.gif](http://www.passthewheel.com/images/bottom_middle_bg.gif)
- [http://www.passthewheel.com/images/bottom\\_right\\_copyright.gif](http://www.passthewheel.com/images/bottom_right_copyright.gif)
- [http://www.passthewheel.com/images/right\\_column\\_bg.gif](http://www.passthewheel.com/images/right_column_bg.gif)
- <http://apis.google.com/js/plusone.js>
- [https://apis.google.com/\\_scs/apps-static/\\_js/k=oz.gapi.en\\_GB.tbpiAen9iRA.O/m=plusone/rt=j/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded\\_0](https://apis.google.com/_scs/apps-static/_js/k=oz.gapi.en_GB.tbpiAen9iRA.O/m=plusone/rt=j/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded_0)
- [https://apis.google.com/\\_scs/apps-static/\\_js/k=oz.gapi.en\\_GB.tbpiAen9iRA.O/m=auth/exm=plusone/rt=j/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded\\_1](https://apis.google.com/_scs/apps-static/_js/k=oz.gapi.en_GB.tbpiAen9iRA.O/m=auth/exm=plusone/rt=j/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded_1)
- [http://m.addthis.com/live/red\\_lojson/300lo.json?1fb0nix&colc=1420692413508&si=54ae0bbc51578967&uid=54ae0bbdd9b79fe0&pub=passthewheel&rev=13.1&jsl=64&ln=en&pc=men&vpc=&ab=0&dp=www.passthewheel.com&aa=0&of=0&uf=1&nt=cs;0.ce;0.dc;853.dcl;853.dcles;853.di;559.dl;275.dle;1.dls;1.fs;0.lee;u.l es;853.ns;0.rs;104.rspe;127.rsps;126.scs;u&pd=0&irt=0&md=0&ct=1&tct=0&lt=869&cdn=0&Inlc=US&whcs=1&t=c%3DNaN%2Cm%3DNa N%2Ci%3DNaN%2Cxm%3D1279%2Cxp%3D1282&pi=1&rb=0&gen=1000&gen=100&callback=\\_ate.track.hsr&chr=UTF-8&mk=practice%20drivers%20license%20test%2Cdrivers%20license%20practice%20test%2Cdriving%20license%20test%2Cdriving%20 permit%20test%2Cpermit%20driving%20test%2Cdriving%20licencc%20test&uvs=54ae0bbcf6bc6381000](http://m.addthis.com/live/red_lojson/300lo.json?1fb0nix&colc=1420692413508&si=54ae0bbc51578967&uid=54ae0bbdd9b79fe0&pub=passthewheel&rev=13.1&jsl=64&ln=en&pc=men&vpc=&ab=0&dp=www.passthewheel.com&aa=0&of=0&uf=1&nt=cs;0.ce;0.dc;853.dcl;853.dcles;853.di;559.dl;275.dle;1.dls;1.fs;0.lee;u.l es;853.ns;0.rs;104.rspe;127.rsps;126.scs;u&pd=0&irt=0&md=0&ct=1&tct=0&lt=869&cdn=0&Inlc=US&whcs=1&t=c%3DNaN%2Cm%3DNa N%2Ci%3DNaN%2Cxm%3D1279%2Cxp%3D1282&pi=1&rb=0&gen=1000&gen=100&callback=_ate.track.hsr&chr=UTF-8&mk=practice%20drivers%20license%20test%2Cdrivers%20license%20practice%20test%2Cdriving%20license%20test%2Cdriving%20 permit%20test%2Cpermit%20driving%20test%2Cdriving%20licencc%20test&uvs=54ae0bbcf6bc6381000)
- [https://syndication.twitter.com/i/jot?l=%7B%22language%22%3A%22en%22%2C%22message%22%3A%22%3Am%3Awithcount%3A%22%2C%22widget\\_origin%22%3A% 22http%3A%2F%2Fwww.passthewheel.com%2F%22%2C%22\\_category\\_%22%3A%22fw\\_client\\_event%22%2C%22triggered\\_on%22% 3A1420692413588%2C%22dnt%22%3Afalse%2C%22client\\_version%22%3A%22e8d9025beab002c3e4b61a99523392d73e6d4fdb%3 A1419898364203%22%2C%22format\\_version%22%3A1%2C%22event\\_namespace%22%3A%7B%22client%22%3A%22fw%22%2C% 22page%22%3A%22button%22%2C%22section%22%3A%22share%22%2C%22action%22%3A%22impression%22%7D%7D](https://syndication.twitter.com/i/jot?l=%7B%22language%22%3A%22en%22%2C%22message%22%3A%22%3Am%3Awithcount%3A%22%2C%22widget_origin%22%3A% 22http%3A%2F%2Fwww.passthewheel.com%2F%22%2C%22_category_%22%3A%22fw_client_event%22%2C%22triggered_on%22% 3A1420692413588%2C%22dnt%22%3Afalse%2C%22client_version%22%3A%22e8d9025beab002c3e4b61a99523392d73e6d4fdb%3 A1419898364203%22%2C%22format_version%22%3A1%2C%22event_namespace%22%3A%7B%22client%22%3A%22fw%22%2C% 22page%22%3A%22button%22%2C%22section%22%3A%22share%22%2C%22action%22%3A%22impression%22%7D%7D)
- [https://apis.google.com/\\_scs/apps-static/\\_js/k=oz.gapi.en\\_GB.tbpiAen9iRA.O/m=googleapis\\_client.iframes\\_styles\\_bubble\\_internal.gapi\\_iframes\\_style\\_common.gapi\\_ifram es\\_iframer/rt=j/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded\\_0](https://apis.google.com/_scs/apps-static/_js/k=oz.gapi.en_GB.tbpiAen9iRA.O/m=googleapis_client.iframes_styles_bubble_internal.gapi_iframes_style_common.gapi_ifram es_iframer/rt=j/sv=1/d=1/ed=1/am=AQ/rs=AGLTcCN251OZaPO2fw7LED3grUqdDlcWCw/t=zcms/cb=gapi.loaded_0)
- [https://apis.google.com/\\_scs/apps-static/\\_js/k=oz.plusone.en\\_US.EGnL6V6f76o.O/m=p1b.p1p/rt=j/sv=1/d=1/ed=1/rs=AGLTcCOZCX0QFj\\_R73hvhaEbgBXcpMxkg/t=zcms/cb=gapi.loaded\\_1](https://apis.google.com/_scs/apps-static/_js/k=oz.plusone.en_US.EGnL6V6f76o.O/m=p1b.p1p/rt=j/sv=1/d=1/ed=1/rs=AGLTcCOZCX0QFj_R73hvhaEbgBXcpMxkg/t=zcms/cb=gapi.loaded_1)
- <https://apis.google.com/js/api.js>

## Reduce DNS lookups

F (0)

↓ Avg Score: 73%

Content

Low

The components are split over more than 4 domains

- passthewheel.com: 1 component, 48.8K
- www.passthewheel.com: 41 components, 651.3K (21.1K GZip)
- s7.addthis.com: 6 components, 445.8K (141.5K GZip)

- s.passthewheel.com: 13 components, 30.6K
- pagead2.google syndication.com: 10 components, 448.2K (153.7K GZip)
- player.vimeo.com: 1 component, 9.5K (4.1K GZip)
- www.gstatic.com: 1 component, 0.1K (0.1K GZip)
- googleads.g.doubleclick.net: 8 components, 361.1K (126.2K GZip)
- www.googletagmanager.com: 1 component, 27.0K (10.5K GZip)
- www.google-analytics.com: 2 components, 66.3K (27.2K GZip)
- connect.facebook.net: 1 component, 160.5K (52.0K GZip)
- platform.twitter.com: 4 components, 196.0K (68.7K GZip)
- apis.google.com: 7 components, 479.8K (170.9K GZip)
- f.vimeocdn.com: 2 components, 135.6K (6.8K GZip)
- stats.g.doubleclick.net: 1 component, 40.2K (15.8K GZip)
- static.ak.facebook.com: 1 component, 27.4K (9.7K GZip)
- s-static.ak.facebook.com: 1 component, 27.4K (9.7K GZip)
- m.addthis.com: 1 component, 0.1K (0.1K GZip)
- b.scorecardresearch.com: 1 component, 0.0K
- syndication.twitter.com: 1 component, 0.06K (0.06K GZip)
- cdn.syndication.twitter.com: 1 component, 0.07K (0.1K GZip)
- i.vimeocdn.com: 2 components, 25.7K
- fonts.googleapis.com: 1 component, 0.2K
- accounts.google.com: 1 component, 0.6K (0.3K GZip)
- www.google.com: 1 component, 0.3K
- oauth.googleusercontent.com: 1 component, 68.1K (22.6K GZip)
- ssl.gstatic.com: 1 component, 8.3K (3.4K GZip)
- www.facebook.com: 3 components, 19.6K (6.8K GZip)
- fbstatic-a.akamaihd.net: 2 components, 226.3K

#### Avoid URL redirects



↓ Avg Score: 85%

Content

Medium

There are 4 redirects

- <http://passthewheel.com/> redirects to <http://www.passthewheel.com/>
- <http://b.scorecardresearch.com/b?...> redirects to <http://b.scorecardresearch.com/b2?...>
- <https://www.google.com/pagead/drt/ui> redirects to <https://googleads.g.doubleclick.net/pagead/drt/si?...>
- <http://www.facebook.com/plugins/like.php?...> redirects to <https://www.facebook.com/plugins/like.php?...>

#### Compress components with gzip



↑ Avg Score: 73%

Server

High

There is 1 plain text component that should be sent compressed

- <https://fbstatic-a.akamaihd.net/rsrc.php/v2/yp/r/p4-33YuU8FT.js>

#### Configure entity tags (ETags)



↑ Avg Score: 67%

Server

Low

There is 1 component with misconfigured ETags

- [https://s7.addthis.com/js/250/addthis\\_widget.js?pub=passthewheel](https://s7.addthis.com/js/250/addthis_widget.js?pub=passthewheel)

#### Avoid empty src or href



⚡ Avg Score: 100%

Content

High

You scored 100% on this suggestion - nothing to do here!

#### Minify JavaScript and CSS



↑ Avg Score: 74%

CSS/JS

Medium

You scored 100% on this suggestion - nothing to do here!

#### Make AJAX cacheable



⚡ Avg Score: 100%

JS

Medium

You scored 100% on this suggestion - nothing to do here!

#### Put CSS at the top



⚡ Avg Score: 100%

CSS

Medium

You scored 100% on this suggestion - nothing to do here!

#### Remove duplicate JavaScript and CSS



⚡ Avg Score: 100%

CSS/JS

Medium

You scored 100% on this suggestion - nothing to do here!

#### Put JavaScript at bottom



⚡ Avg Score: 100%

JS

Medium

You scored 100% on this suggestion - nothing to do here!

<b>Avoid AlphasImageLoader filter</b>	 A (100)	⚡ Avg Score: <b>97%</b>	CSS	Medium
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You scored 100% on this suggestion - nothing to do here!

<b>Avoid HTTP 404 (Not Found) error</b>	 A (100)	⚡ Avg Score: <b>100%</b>	Content	Medium
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You scored 100% on this suggestion - nothing to do here!

<b>Reduce the number of DOM elements</b>	 A (100)	↑ Avg Score: <b>94%</b>	Content	Low
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You scored 100% on this suggestion - nothing to do here!

<b>Do not scale images in HTML</b>	 A (100)	⚡ Avg Score: <b>100%</b>	Images	Low
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You scored 100% on this suggestion - nothing to do here!

<b>Use GET for AJAX requests</b>	 A (100)	⚡ Avg Score: <b>100%</b>	JS	Low
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You scored 100% on this suggestion - nothing to do here!

<b>Avoid CSS expressions</b>	 A (100)	⚡ Avg Score: <b>98%</b>	CSS	Low
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You scored 100% on this suggestion - nothing to do here!

<b>Reduce cookie size</b>	 A (100)	⚡ Avg Score: <b>100%</b>	Cookie	Low
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You scored 100% on this suggestion - nothing to do here!

<b>Make favicon small and cacheable</b>	 A (100)	⚡ Avg Score: <b>100%</b>	Images	Low
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You scored 100% on this suggestion - nothing to do here!

<b>Make JavaScript and CSS external</b>	 (n/a)		CSS/JS	Medium
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Only consider this if your property is a common user home page.

- There is a total of 6 inline scripts