Performance Report for:

https://shop.tesla.com/category/apparel

Report generated: Thu, Sep 5, 2024 6:06 PM -0700
Test Server Location: 🇨🇦 Vancouver, Canada
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

C	Performance **69%**	Structure **86%**	L. Contentful Paint **806ms**	T. Blocking Time **746ms**	C. Layout Shift **0**

Top Issues

Med-High	**Avoid an excessive DOM size** TBT	4,135 elements
Med	**Use explicit width and height on image elements** CLS	47 images found
Med-Low	**Use a Content Delivery Network (CDN)**	39 resources found
Med-Low	**Serve static assets with an efficient cache policy**	Potential savings of 281KB
Med-Low	**Avoid enormous network payloads** LCP	Total size was 3.26MB

Focus on these audits first

These audits likely have the largest impact on your page performance.

Structure audits do not directly affect your Performance Score, but improving the audits seen here can help as a starting point for overall performance gains.

Page Details

6.4s
Fully Loaded Time

Total Page Size – 3.23MB

JS 1.62MB	IMG 1.17MB	Font 189KB	HTML 36KB

Total Page Requests – 82

IMG 46.3%	Other 32.9%	JS 11%	Font 6.1%	

HTML JS CSS IMG Video Font Other

How does this affect me?

Modern web users have a short attention span and expect a fast and seamless website experience. Delivering that fast experience can result in more traffic, more conversions, and more happiness.
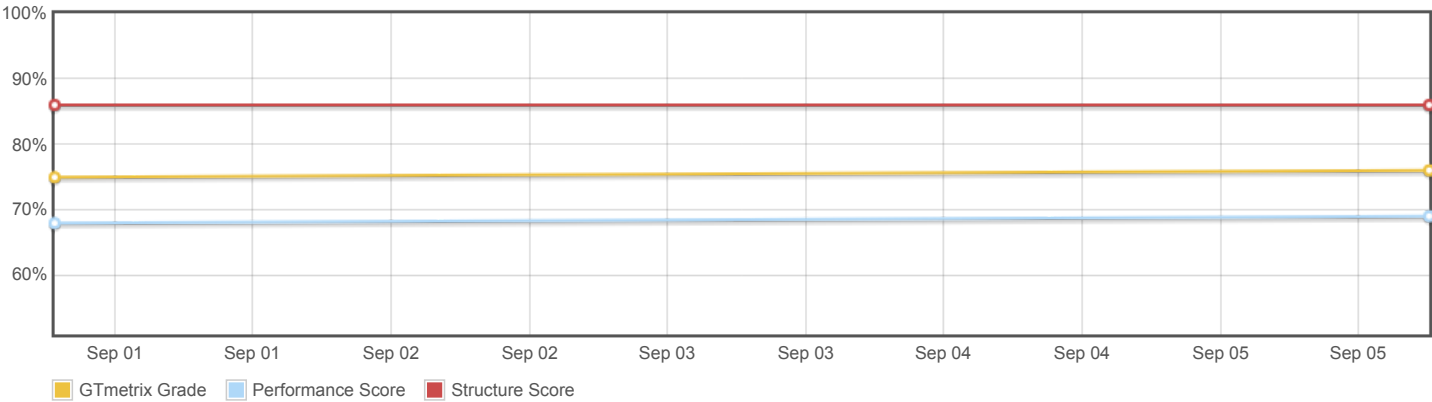
As if you didn't need more incentive, **Google use Page Speed and Page Experience (including Web Vitals) signals in their ranking algorithm.**

About GTmetrix

GTmetrix

GTmetrix was developed as a tool for customers to easily test the performance of their webpages.

Learn more about us.

Page scores

- GTmetrix Grade
- Performance Score
- Structure Score

Page metrics

- Time to First Byte
- First Contentful Paint
- Largest Contentful Paint
- Onload Time
- Time to Interactive
- Fully Loaded
- Total Blocking Time
- Speed Index
- Cumulative Layout Shift
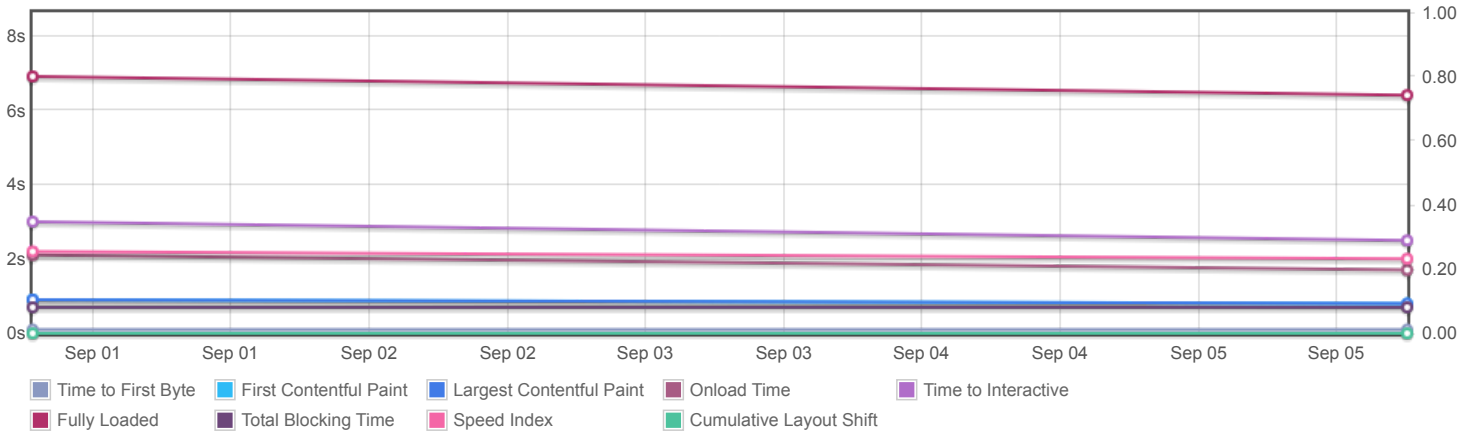
Page sizes and request counts

- HTML Size
- Total Page Size
- Requests
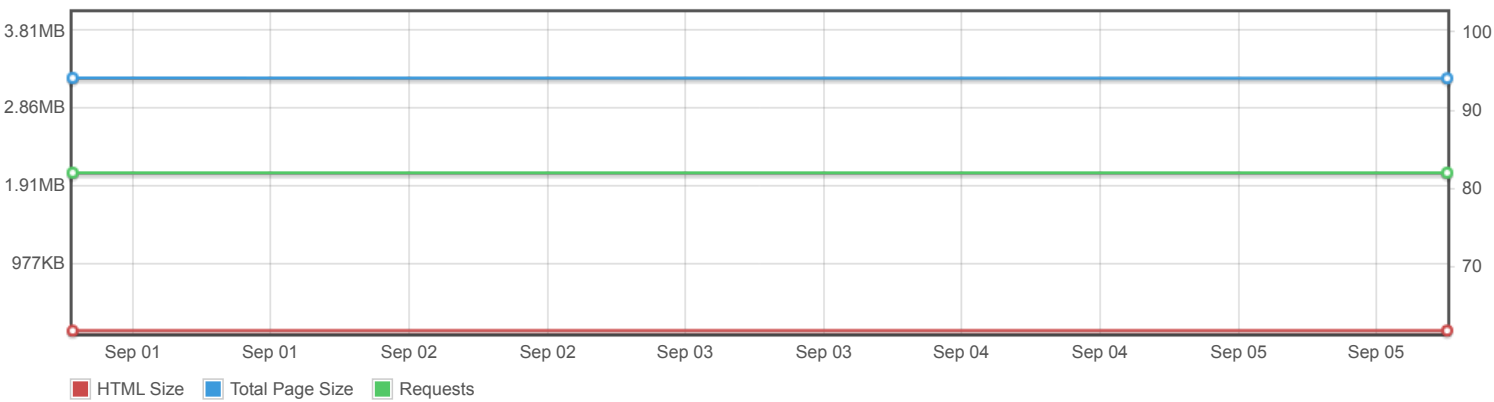
The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

Tesla | Apparel

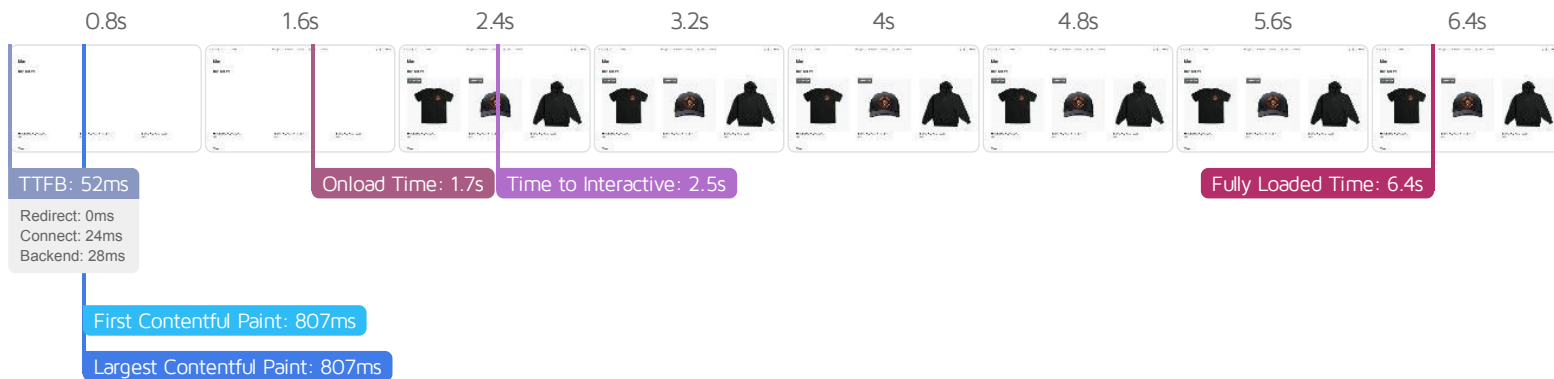| Resource	Status	Domain	Size	Time
apparel	200	shop.tesla.com	136KB	130ms
index.css	200	digitalassets.tesla.com	58.6KB	65ms
main-bf5a3986e491d2322...	200	shop.tesla.com	51.4KB	185ms
1457768-02-G_WC_F8_Fe...	200	digitalassets-shop.te...	2.88KB	150ms
1948406-00-A_CT_Cybert...	200	digitalassets-shop.te...	7.57KB	210ms
2065978-00-A_BuiltForAn...	200	digitalassets-shop.te...	19.5KB	219ms
1985666-00-A_CTFK_Feat...	200	digitalassets-shop.te...	7.35KB	232ms
WC_F8_Mobile_Menu.png	200	digitalassets-shop.te...	1.70KB	234ms
FeaturedNavMPOS_15128...	200	digitalassets-shop.te...	9.14KB	221ms
Faceplate_F8_Mobile_Me...	200	digitalassets-shop.te...	1.41KB	212ms
ct_34_model.png	200	digitalassets-shop.te...	12.0KB	233ms
ms_34_model.png	200	digitalassets-shop.te...	26.8KB	231ms
Model_3H_10x.png	200	digitalassets-shop.te...	22.2KB	211ms
mx_34_model.png	200	digitalassets-shop.te...	25.1KB	219ms
my_34_model.png	200	digitalassets-shop.te...	18.7KB	241ms
mobile_nav_mens.jpg	200	digitalassets-shop.te...	5.84KB	235ms
mobile_nav_womens_chil...	200	digitalassets-shop.te...	7.01KB	238ms
mobile_nav_kids_cyber.jpg	200	digitalassets-shop.te...	78.5KB	243ms
M_Gradient-696x482_Ha...	200	digitalassets-shop.te...	9.8KB	235ms
mpos_mobile_elevate_ct...	200	digitalassets-shop.te...	4.50KB	236ms
1949545-00-A_Cyberstein...	200	digitalassets-shop.te...	2.76KB	239ms
mpos_cyberquad1.png	200	digitalassets-shop.te...	13.1KB	240ms
mpos_mobile_cyberwhist...	200	digitalassets-shop.te...	2.92KB	233ms
mpos_giftcard.png	200	digitalassets-shop.te...	2.47KB	239ms
analytics.js	200	google-analytics.com	20.5KB	246ms
gtm.js?id=GTM-KMG5DM	200	googletagmanager.c...	127KB	265ms
main.bundle.min-51d5c7b...	200	shop.tesla.com	1.03MB	527ms
js?key=AlzaSyBTWU2-zg...	200	maps.googleapis.com	103KB	212ms
HawZPT3g	200	shop.tesla.com	73.6KB	133ms
Universal-Sans-Text-Reg...	200	digitalassets.tesla.com	37.4KB	131ms
Universal-Sans-Display-M...	200	digitalassets.tesla.com	37.1KB	124ms
Universal-Sans-Text-Medi...	200	digitalassets.tesla.com	38.0KB	106ms
Universal-Sans-Text-Bold...	200	digitalassets.tesla.com	37.8KB	104ms
Universal-Sans-Display-B...	200	digitalassets.tesla.com	38.4KB	97ms
darkgray.png	200	digitalassets-shop.te...	107B	28ms
heather.png	200	digitalassets-shop.te...	84B	27ms
white.png	200	digitalassets-shop.te...	86B	28ms
gray.png	200	digitalassets-shop.te...	83B	29ms
black.png	200	digitalassets-shop.te...	376B	28ms
stainlesssteel.png	200	digitalassets-shop.te...	90B	20ms
MetallicGray2.png	200	digitalassets-shop.te...	217B	13ms
slipgrayv2.png	200	digitalassets-shop.te...	372B	12ms
metallicgreen.png	200	digitalassets-shop.te...	84B	12ms
charcoal.png	200	digitalassets-shop.te...	92B	12ms
js?id=GTM-WF2FVVD	200	google-analytics.com	66.1KB	28ms
POST landing?gcs=G111...	302	google.com	42B	49ms
js?id=G-2RWV2RY971&l=...	200	googletagmanager.c...	92.8KB	34ms
POST inventory.json	200	shop.tesla.com	265B	173ms
POST inventory.json	200	shop.tesla.com	277B	146ms
POST inventory.json	200	shop.tesla.com	272B	198ms
POST inventory.json	200	shop.tesla.com	274B	172ms
POST inventory.json	200	shop.tesla.com	267B	169ms
POST inventory.json	200	shop.tesla.com	254B	125ms

POST inventory.json	200	shop.tesla.com	275B		354ms
POST inventory.json	200	shop.tesla.com	287B		192ms
POST inventory.json	200	shop.tesla.com	264B		139ms
POST inventory.json	200	shop.tesla.com	281B		222ms
POST inventory.json	200	shop.tesla.com	234B		165ms
POST inventory.json	200	shop.tesla.com	272B		152ms
POST inventory.json	200	shop.tesla.com	250B		226ms
POST inventory.json	200	shop.tesla.com	144B		135ms
user-status.json	200	shop.tesla.com	108B		369ms
carts.json?includeCartOr…	200	shop.tesla.com	461B		877ms
red.png	200	digitalassets-shop.te…	103B		11ms
landing?gcs=G111&gcd=…	200	googleads.g.doublec…	42B		80ms
gen_204?csp_test=true	200	maps.googleapis.com	45B		66ms
POST HawZPT3g	201	shop.tesla.com	18B		225ms
2076542-01-A-2-01.png	200	digitalassets-shop.te…	15.5KB		13ms
2076542-01-A-2-02.png	200	digitalassets-shop.te…	388KB		37ms
2078147-00-A-2-01.png	200	digitalassets-shop.te…	71.9KB		37ms
2078147-00-A-2-02.png	200	digitalassets-shop.te…	113KB		38ms
2077996-01-A-2-01.png	200	digitalassets-shop.te…	35.1KB		38ms
2077996-01-A-2-02.png	200	digitalassets-shop.te…	292KB		35ms
carts.json?includeCartOr…	200	shop.tesla.com	459B		2.4s
favicon-32x32.png	200	shop.tesla.com	724B		137ms
favicon-16x16.png	200	shop.tesla.com	366B		146ms
favicon-96x96.png	200	shop.tesla.com	2.15KB		185ms
favicon-160x160.png	200	shop.tesla.com	3.39KB		138ms
favicon-196x196.png	200	shop.tesla.com	4.35KB		77ms
favicon.ico	200	shop.tesla.com	957B		135ms
common.js	200	maps.googleapis.com	63.6KB		22ms
util.js	200	maps.googleapis.com	54.8KB		21ms

82 Requests	3.23MB (14.5MB Uncompressed)	6.4s (Onload 1.7s)

0.8s   1.6s   2.4s   3.2s   4s   4.8s   5.6s   6.4s

TTFB: 52ms
Redirect: 0ms
Connect: 24ms
Backend: 28ms

Onload Time: 1.7s   **Time to Interactive: 2.5s**   **Fully Loaded Time: 6.4s**

First Contentful Paint: 807ms

Largest Contentful Paint: 807ms

Performance Metrics

First Contentful Paint

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

Good - Nothing to do here

806ms

Time to Interactive

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

OK, but consider improvement

2.5s

Speed Index

How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.

Longer than recommended

2.0s

Total Blocking Time

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

Much longer than recommended

746ms

Largest Contentful Paint

How long it takes for the largest element of content (i.e., a hero image) to be painted on your page. A good user experience is 1.2s or less.

Good - Nothing to do here

806ms

Cumulative Layout Shift

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

Good - Nothing to do here

0

Browser Timings

Redirect	0ms	Connect	24ms	Backend	28ms
TTFB	52ms	First Paint	807ms	DOM Int.	1.7s
DOM Loaded	1.7s	Onload	1.7s	Fully Loaded	6.4s

IMPACT	AUDIT	
Med-High	**Avoid an excessive DOM size** TBT	4,135 elements
Med	**Use explicit width and height on image elements** CLS	47 images found
Med-Low	**Use a Content Delivery Network (CDN)**	39 resources found
Med-Low	**Serve static assets with an efficient cache policy**	Potential savings of 281KB
Med-Low	**Avoid enormous network payloads** LCP	Total size was 3.26MB
Low	**Avoid long main-thread tasks** TBT	9 long tasks found
Low	**Reduce JavaScript execution time** TBT	1.2s spent executing JavaScript
Low	**Defer offscreen images**	Potential savings of 278KB
Low	**Reduce unused CSS** FCP LCP	Potential savings of 104KB
Low	**Reduce unused JavaScript** LCP	Potential savings of 659KB
Low	**Avoid non-composited animations** CLS	1 animated element found
Low	**Serve images in next-gen formats**	Potential savings of 12.9KB
Low	**Avoid chaining critical requests** FCP LCP	9 chains found
Low	**Properly size images**	Potential savings of 882KB
Low	**Minify CSS** FCP LCP	Potential savings of 12.2KB
N/A	**Eliminate render-blocking resources** FCP LCP	Potential savings of 9ms
N/A	**Minimize main-thread work** TBT	Main-thread busy for 2.3s
N/A	**Largest Contentful Paint element** LCP	810 ms
N/A	**Reduce the impact of third-party code** TBT	Third-party code blocked the main thread for 14ms
N/A	**Avoid serving legacy JavaScript to modern browsers** TBT	Potential savings of 5.91KB
N/A	**Reduce initial server response time** FCP LCP	Root document took 27ms
N/A	**Avoid large layout shifts** CLS	
N/A	**User Timing marks and measures**	