

Performance Report for:

https://shop.spacex.com/

Report generated: Thu, Jul 18, 2024 2:20 PM -0700

Test Server Location: Vancouver, Canada

Using: Chrome 117.0.0.0, Lighthouse 11.0.0

A	Performance 96%	Structure 93%	L. Contentful Paint 1.2s	T. Blocking Time 7ms	C. Layout Shift 0.02
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Top Issues

Med	Use explicit width and height on image elements <small>CLS</small>	1 image found
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 159KB
Low	Allow back/forward cache restoration	1 failure reason
Low	Avoid an excessive DOM size <small>TBT</small>	704 elements
Low	Avoid enormous network payloads <small>LCP</small>	Total size was 1.81MB

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



Total Page Size - 1.80MB



Total Page Requests - 81



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.

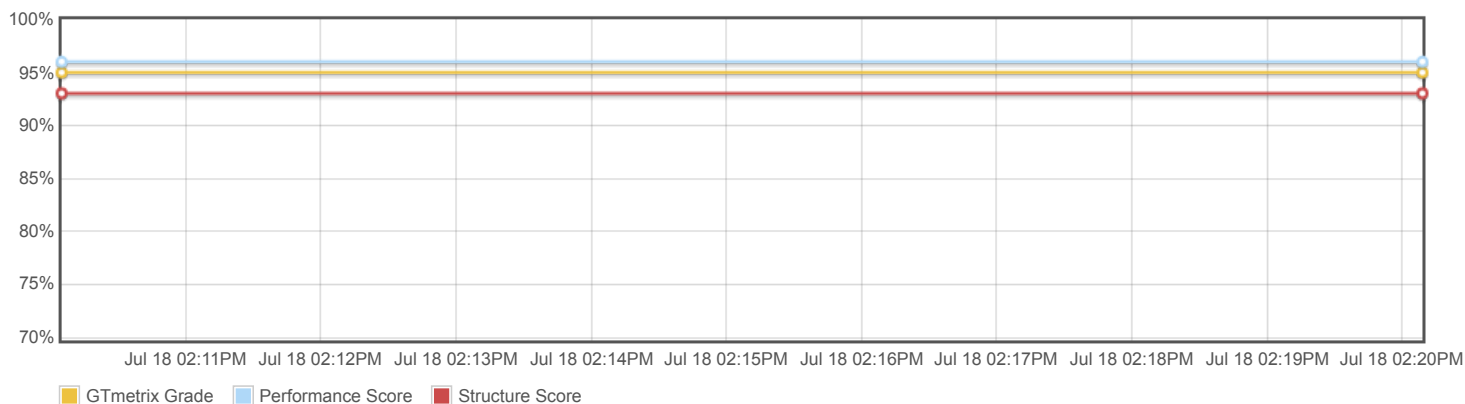
As if you didn't need more incentive, **Google use Page Speed and Page Experience (including Web Vitals) signals in their ranking algorithm.**

About GTmetrix

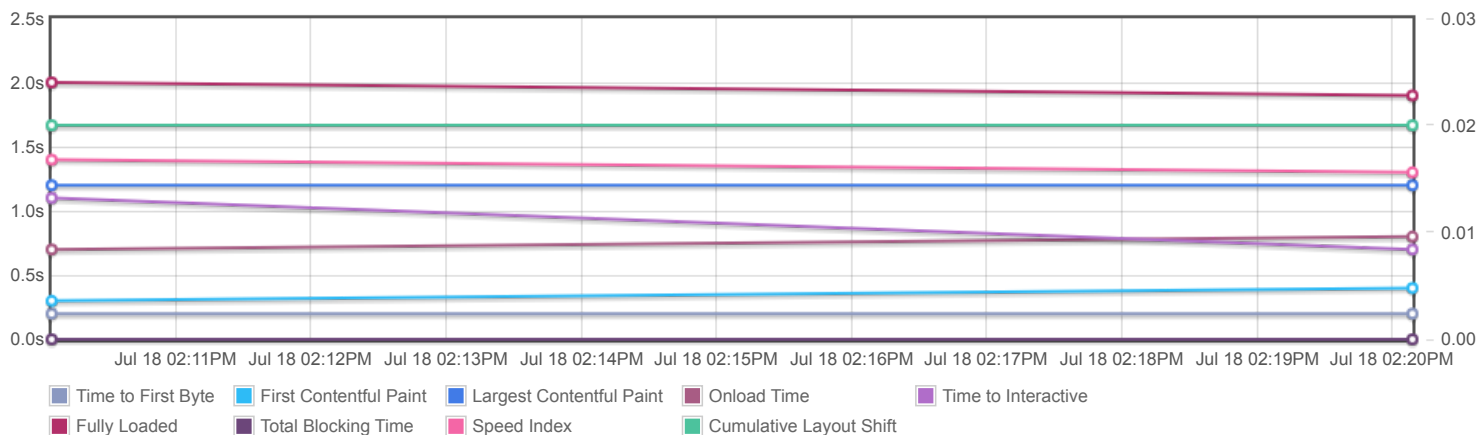
GTmetrix was developed as a tool for customers to easily test the performance of their webpages.

[Learn more about us.](#)

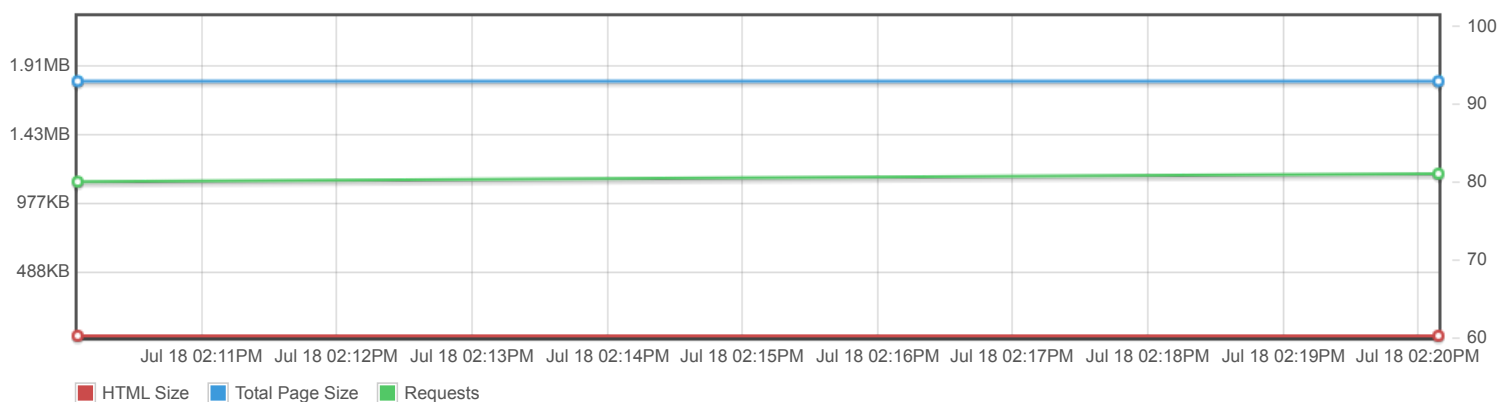
## Page scores



## Page metrics

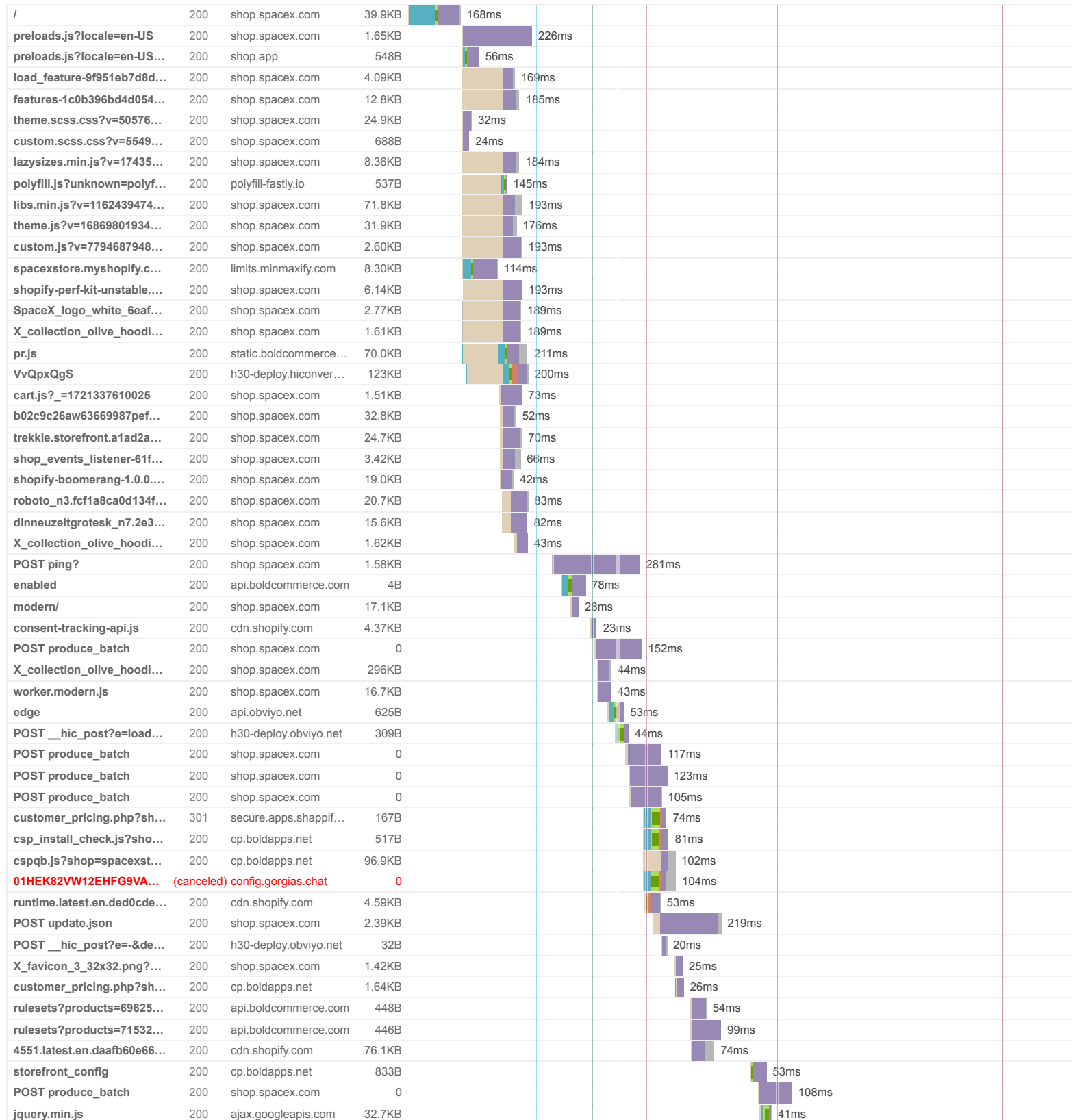


## Page sizes and request counts

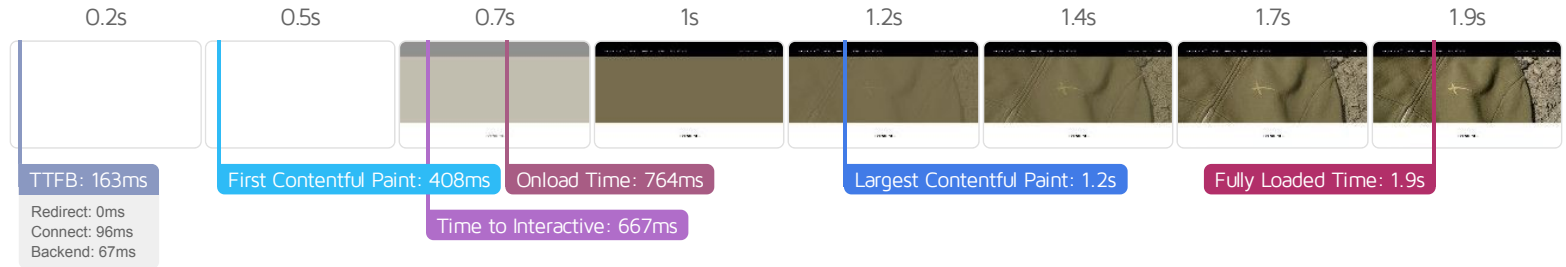


The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

## Official SpaceX Store



6605.latest.en.0a027deb4f...	200	cdn.shopify.com	39.2KB						84ms	
4085.latest.en.d3bc65d7a...	200	cdn.shopify.com	18.1KB						25ms	
app.latest.en.f282280ae7e...	200	cdn.shopify.com	244KB						72ms	
torch_smore_web_600x.j...	200	shop.spacex.com	18.4KB						52ms	
Starship_Torch_smpres_...	200	shop.spacex.com	53.1KB						53ms	
STARSHIPFLIGHT4_UNIS...	200	shop.spacex.com	8.41KB						53ms	
SpaceX_Starship_Flight4...	200	shop.spacex.com	21.9KB						48ms	
SpaceX_Starship_Flight4...	200	shop.spacex.com	38.5KB						31ms	
2542.latest.en.e8b98a9ed...	200	cdn.shopify.com	957B						51ms	
168.latest.en.36865b2fee2...	200	cdn.shopify.com	25.1KB						40ms	
2080.latest.en.5117e67060...	200	cdn.shopify.com	924B						23ms	
8831.latest.en.f4b4c6c264...	200	cdn.shopify.com	50.3KB						38ms	
236.latest.en.d191d8d9f7f...	200	cdn.shopify.com	26.8KB						46ms	
5718.latest.en.5399d06f6e...	200	cdn.shopify.com	23.1KB						26ms	
2714.latest.en.4fa485e7ea...	200	cdn.shopify.com	6.99KB						21ms	
4619.latest.en.2c217c751...	200	cdn.shopify.com	5.82KB						26ms	
POST produce_batch	200	shop.spacex.com	0							131ms
OnePage.latest.en.8f56de...	200	cdn.shopify.com	68.3KB						28ms	
4551.latest.en.f59528d48a...	200	cdn.shopify.com	23.0KB						57ms	
app.latest.en.9b54d1262b...	200	cdn.shopify.com	4.38KB						32ms	
6268.latest.en.0b6faa7cc9...	200	cdn.shopify.com	7.94KB						22ms	
SpaceX_logo_e8d48ba5-9...	200	cdn.shopify.com	2.70KB						24ms	
STARSHIPFLIGHT3_UNIS...	200	shop.spacex.com	8.41KB							33ms
STARSHIPFLIGHT3_UNIS...	200	shop.spacex.com	11.0KB							35ms
STARSHIPFLIGHT2_MEN...	200	shop.spacex.com	8.40KB							35ms
STARSHIPFLIGHT2_MEN...	200	shop.spacex.com	18.8KB							37ms
STARSHIPTESTFLIGHT_...	200	shop.spacex.com	8.40KB							36ms
STARSHIPTESTFLIGHT_...	200	shop.spacex.com	13.6KB							36ms
81 Requests 1.80MB (4.01MB Uncompressed) 1.9s (Onload 764ms)										



## Performance Metrics

<b>First Contentful Paint</b> 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 <b>408ms</b>	<b>Time to Interactive</b> How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.	Good - Nothing to do here <b>667ms</b>
<b>Speed Index</b> How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.	OK, but consider improvement <b>1.3s</b>	<b>Total Blocking Time</b> How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.	Good - Nothing to do here <b>7ms</b>
<b>Largest Contentful Paint</b> 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 <b>1.2s</b>	<b>Cumulative Layout Shift</b> 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 <b>0.02</b>

## Browser Timings

Redirect	0ms	Connect	96ms	Backend	67ms
TTFB	163ms	First Paint	408ms	DOM Int.	540ms
DOM Loaded	587ms	Onload	764ms	Fully Loaded	1.9s

IMPACT	AUDIT	
Med	Use explicit width and height on image elements <small>CLS</small>	1 image found
Med-Low	Serve static assets with an efficient cache policy	Potential savings of 159KB
Low	Allow back/forward cache restoration	1 failure reason
Low	Avoid an excessive DOM size <small>TBT</small>	704 elements
Low	Avoid enormous network payloads <small>LCP</small>	Total size was 1.81MB
Low	Eliminate render-blocking resources <small>FCP LCP</small>	Potential savings of 25ms
Low	Reduce JavaScript execution time <small>TBT</small>	495ms spent executing JavaScript
Low	Properly size images	Potential savings of 62.4KB
Low	Avoid long main-thread tasks <small>TBT</small>	2 long tasks found
Low	Reduce unused CSS <small>FCP LCP</small>	Potential savings of 22.1KB
Low	Avoid non-composited animations <small>CLS</small>	32 animated elements found
Low	Minify JavaScript <small>FCP LCP</small>	Potential savings of 70.1KB
Low	Avoid chaining critical requests <small>FCP LCP</small>	6 chains found
Low	Reduce unused JavaScript <small>LCP</small>	Potential savings of 230KB
N/A	Largest Contentful Paint element <small>LCP</small>	1,180 ms
N/A	Reduce initial server response time <small>FCP LCP</small>	Root document took 14ms
N/A	Avoid serving legacy JavaScript to modern browsers <small>TBT</small>	Potential savings of 6.34KB
N/A	Avoid large layout shifts <small>CLS</small>	1 element found
N/A	Minimize main-thread work <small>TBT</small>	Main-thread busy for 1.3s
N/A	User Timing marks and measures	11 user timings
N/A	Reduce the impact of third-party code <small>TBT</small>	Total size was 974KB