

# Performance Report for:

https://shop.spacex.com/

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

Test Server Location: Vancouver, Canada

Using: O Chrome 117.0.0.0, Lighthouse 11.0.0



Performance

96%

Structure

93%

L. Contentful Paint

1.2s

T. Blocking Time

7<sub>ms</sub>

C. Layout Shift

0.02

# Top Issues

Med	Use explicit width and height on image elements CLS	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 TBT	704 elements
Low	Avoid enormous network payloads  LCP	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.

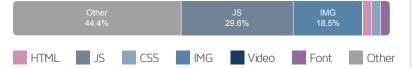
# Page Details



#### Total Page Size - 1.80MB



### Total Page Requests - 81



#### 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.

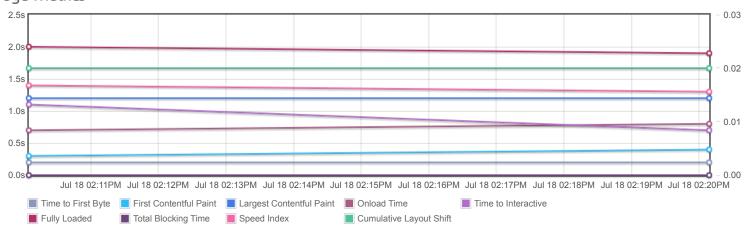
Learn more about us.



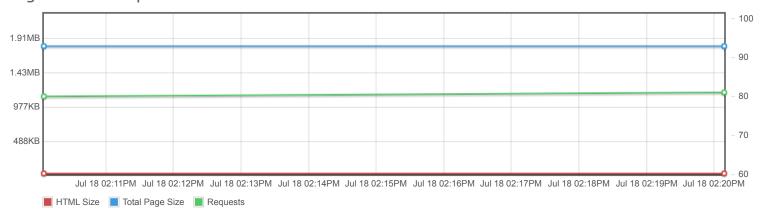
## Page scores



## Page metrics



## Page sizes and request counts





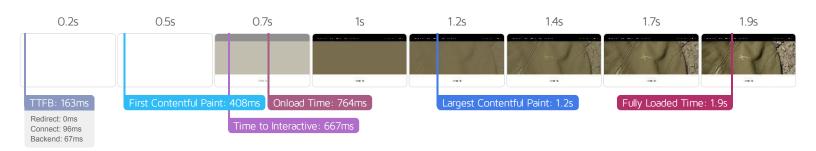
The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

#### Official SpaceX Store

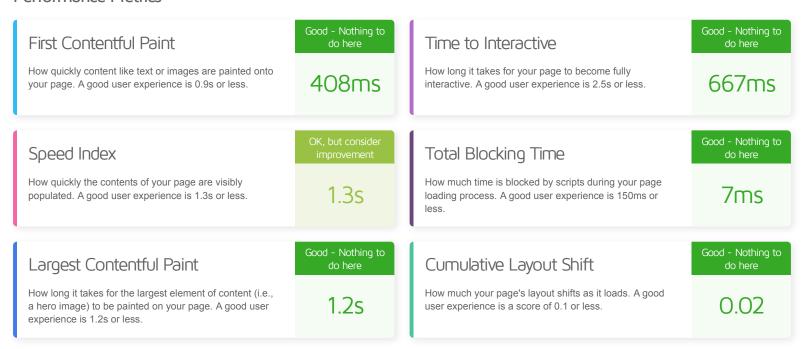
Official SpaceX Store				
1	200	shop.spacex.com	39.9KB	168ms
preloads.js?locale=en-US	200	shop.spacex.com	1.65KB	226ms
preloads.js?locale=en-US	200	shop.app	548B	56ms
load_feature-9f951eb7d8d	200	shop.spacex.com	4.09KB	169ms
features-1c0b396bd4d054	200	shop.spacex.com	12.8KB	185ms
theme.scss.css?v=50576	200	shop.spacex.com	24.9KB	32ms
custom.scss.css?v=5549	200	shop.spacex.com	688B	24ms
lazysizes.min.js?v=17435	200	shop.spacex.com	8.36KB	184ms
polyfill.js?unknown=polyf	200	polyfill-fastly.io	537B	145rns
libs.min.js?v=1162439474	200	shop.spacex.com	71.8KB	193ms
theme.js?v=16869801934	200	shop.spacex.com	31.9KB	176ms
custom.js?v=7794687948	200	shop.spacex.com	2.60KB	193ms
spacexstore.myshopify.c	200	limits.minmaxify.com	8.30KB	114ms
shopify-perf-kit-unstable	200	shop.spacex.com	6.14KB	193ms
SpaceX_logo_white_6eaf	200	shop.spacex.com	2.77KB	189ms
X_collection_olive_hoodi	200	shop.spacex.com	1.61KB	189ms
pr.js	200	static.boldcommerce	70.0KB	211ms
VvQpxQgS	200	h30-deploy.hiconver	123KB	200ms
cart.js?_=1721337610025	200	shop.spacex.com	1.51KB	73ms
b02c9c26aw63669987pef	200	shop.spacex.com	32.8KB	52ms
trekkie.storefront.a1ad2a	200	shop.spacex.com	24.7KB	70ms
shop_events_listener-61f	200	shop.spacex.com	3.42KB	66ms
shopify-boomerang-1.0.0	200	shop.spacex.com	19.0KB	42ms
roboto_n3.fcf1a8ca0d134f	200	shop.spacex.com	20.7KB	83ms
dinneuzeitgrotesk_n7.2e3	200	shop.spacex.com	15.6KB	82ms
X_collection_olive_hoodi	200	shop.spacex.com	1.62KB	43ms
POST ping?	200	shop.spacex.com	1.58KB	281ms
enabled	200	api.boldcommerce.com	4B	78ms
modern/	200		17.1KB	28ms
	200	shop.spacex.com	4.37KB	23ms
consent-tracking-api.js	200	cdn.shopify.com	0 0	152ms
POST produce_batch	200	shop.spacex.com	296KB	44ms
X_collection_olive_hoodi		shop.spacex.com		
worker.modern.js	200	shop.spacex.com	16.7KB	43ms
edge	200	api.obviyo.net	625B	53rhs
POSThic_post?e=load	200	h30-deploy.obviyo.net	309B	44ms
POST produce_batch	200	shop.spacex.com	0	117ms
POST produce_batch	200	shop.spacex.com	0	123ms
POST produce_batch	200	shop.spacex.com	0	105ms
customer_pricing.php?sh	301	secure.apps.shappif	167B	74ms
csp_install_check.js?sho	200	cp.boldapps.net	517B	81ms
cspqb.js?shop=spacexst	200	cp.boldapps.net	96.9KB	102ms
	(canceled		0	104ms
runtime.latest.en.ded0cde	200	cdn.shopify.com	4.59KB	53ms
POST update.json	200	shop.spacex.com	2.39KB	219ms
POSThic_post?e=-&de	200	h30-deploy.obviyo.net	32B	20ms
X_favicon_3_32x32.png?	200	shop.spacex.com	1.42KB	25ms
customer_pricing.php?sh	200	cp.boldapps.net	1.64KB	26ms
rulesets?products=69625	200	api.boldcommerce.com	448B	54ms
rulesets?products=71532	200	api.boldcommerce.com	446B	99ms
4551.latest.en.daafb60e66	200	cdn.shopify.com	76.1KB	74ms
storefront_config	200	cp.boldapps.net	833B	53ms
POST produce_batch	200	shop.spacex.com	0	108ms
jquery.min.js	200	ajax.googleapis.com	32.7KB	41ms
				1 1 1

81 Requests 1.80ME	(4.01M	B Uncompressed)	1.9s (Onload 764ms)		
ARSHIPTESTFLIGHT	200	shop.spacex.com	13.6KB		36ms
ARSHIPTESTFLIGHT	200	shop.spacex.com	8.40KB		36ms
ARSHIPFLIGHT2_MEN	200	shop.spacex.com	18.8KB		37ms
ARSHIPFLIGHT2_MEN	200	shop.spacex.com	8.40KB		35ms
ARSHIPFLIGHT3_UNIS	200	shop.spacex.com	11.0KB		35ms
ARSHIPFLIGHT3_UNIS	200	shop.spacex.com	8.41KB		33ms
aceX_logo_e8d48ba5-9	200	cdn.shopify.com	2.70KB	24m	ns
88.latest.en.0b6faa7cc9	200	cdn.shopify.com	7.94KB	22ms	
o.latest.en.9b54d1262b	200	cdn.shopify.com	4.38KB	32ms	
1.latest.en.f59528d48a	200	cdn.shopify.com	23.0KB	57ms	
ePage.latest.en.8f56de	200	cdn.shopify.com	68.3KB	28ms	
ST produce_batch	200	shop.spacex.com	0	131ms	
9.latest.en.2c217c751	200	cdn.shopify.com	5.82KB	26ms	
4.latest.en.4fa485e7ea	200	cdn.shopify.com	6.99KB	21ms	
8.latest.en.5399d06f6e	200	cdn.shopify.com	23.1KB	26ms	
.latest.en.d191d8d9f7f	200	cdn.shopify.com	26.8KB	46ms	
1.latest.en.f4b4c6c264	200	cdn.shopify.com	50.3KB	38ms	
0.latest.en.5117e67060	200	cdn.shopify.com	924B	23ms	
Latest.en.36865b2fee2	200	cdn.shopify.com	25.1KB	40ms	
42.latest.en.e8b98a9ed	200	cdn.shopify.com	957B	31ms 51ms	
aceX_Starship_Flight4 aceX_Starship_Flight4	200	shop.spacex.com shop.spacex.com	38.5KB	48ms	
ARSHIPFLIGHT4_UNIS	200	shop.spacex.com	21.9KB	53ms	
arship_Torch_smpres	200	shop.spacex.com	53.1KB 8.41KB	53ms	
ch_smore_web_600x.j	200	shop.spacex.com	18.4KB	52ms	
p.latest.en.f282280ae7e	200	cdn.shopify.com	244KB	72ms	
85.latest.en.d3bc65d7a	200	cdn.shopify.com	18.1KB	25ms	
05.latest.en.0a027deb4f	200	cdn.shopify.com	39.2KB	84ms	





## Performance Metrics



# **Browser Timings**

Redirect	Oms	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 CLS	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 TBT	704 elements
Low	Avoid enormous network payloads LCP	Total size was 1.81MB
Low	Eliminate render-blocking resources FCP LCP	Potential savings of 25ms
Low	Reduce JavaScript execution time TBT	495ms spent executing JavaScript
Low	Properly size images	Potential savings of 62.4KB
Low	Avoid long main-thread tasks TBT	2 long tasks found
Low	Reduce unused CSS FCP LCP	Potential savings of 22.1KB
Low	Avoid non-composited animations CLS	32 animated elements found
Low	Minify JavaScript FCP LCP	Potential savings of 70.1KB
Low	Avoid chaining critical requests FCP LCP	6 chains found
Low	Reduce unused JavaScript LCP	Potential savings of 230KB
N/A	Largest Contentful Paint element LCP	1,180 ms
N/A	Reduce initial server response time FCP LCP	Root document took 14ms
N/A	Avoid serving legacy JavaScript to modern browsers TBT	Potential savings of 6.34KB
N/A	Avoid large layout shifts CLS	1 element found
N/A	Minimize main-thread work TBT	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 TBT	Total size was 974KB