GTmetrix
The web should be fast.

Performance Report for:
https://www.spacex.com/

Report generated: Sat, Jul 2, 2022 6:59 AM -0700
Test Server Location: 🇨🇦 Vancouver, Canada
Using: 🌐 Chrome (Desktop) 98.0.4758.102, Lighthouse 9.3.1

A	Performance	Structure		L. Contentful Paint	T. Blocking Time	C. Layout Shift
	100%	**100%**		**307ms**	**0ms**	**0.03**

Top Issues

IMPACT	AUDIT	
Low	**Eliminate render-blocking resources**	Potential savings of 62ms
Low	**Enable text compression**	Potential savings of 345KB
Low	**Avoid enormous network payloads**	Total size was 1.40MB
Low	**Reduce JavaScript execution time**	130ms spent executing JavaScript
Low	**Reduce unused CSS**	Potential savings of 75.5KB

Page Details

307ms
Fully Loaded Time

Total Page Size - 1.40MB

IMG 908KB	JS 376KB				

Total Page Requests - 14

IMG 35.7%	JS 21.4%	CSS 14.3%	Font 14.3%		
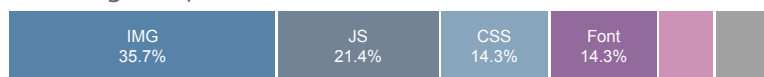
🟪 HTML ◼ JS ◼ CSS ◼ IMG ◼ Video ◼ Font ◻ Other

How does this affect me?

Today's web user expects a fast and seamless website experience. Delivering that fast experience can result in increased visits, conversions and overall happiness.

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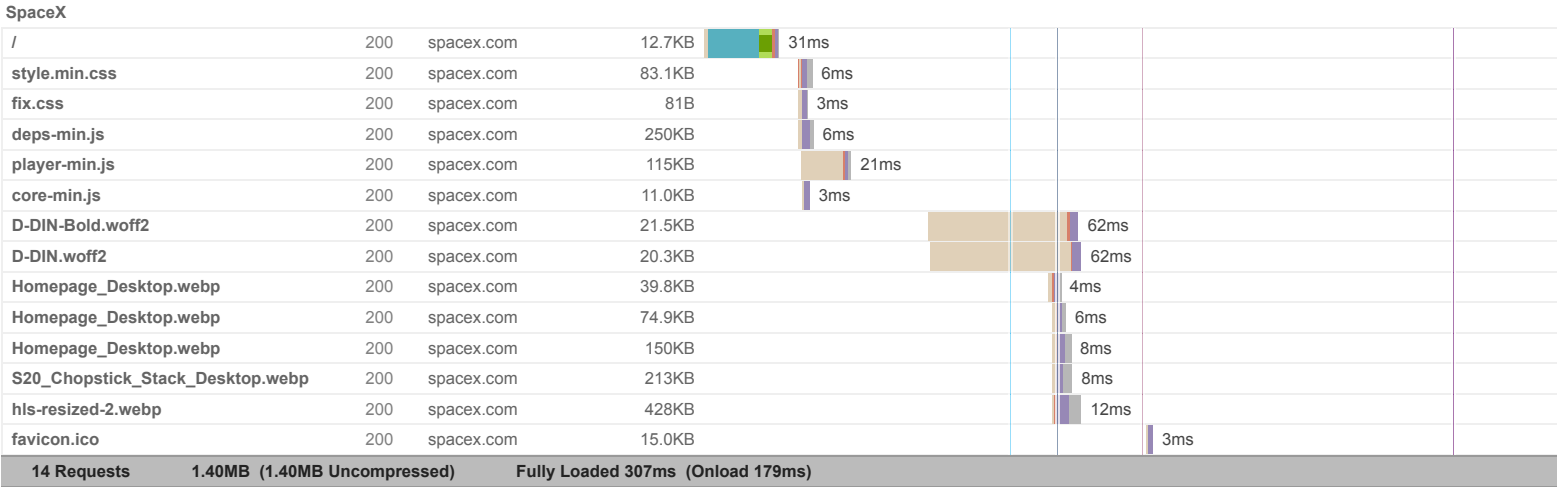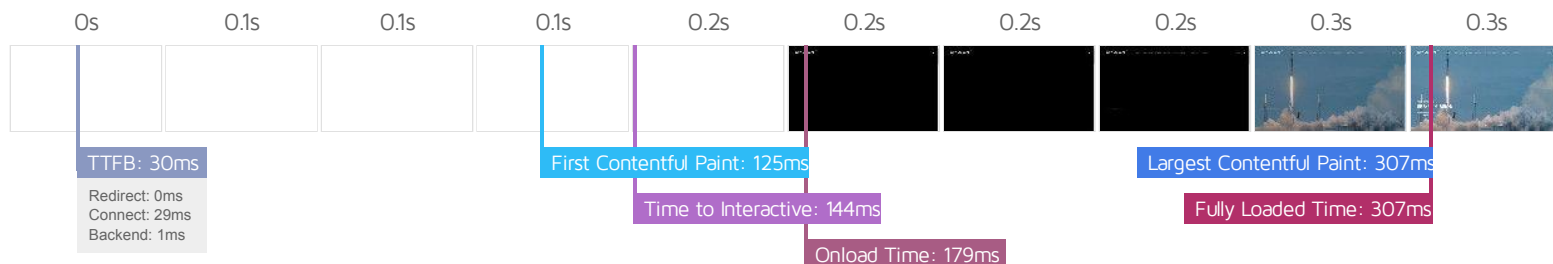
About GTmetrix

CARBON 60
THE MANAGED CLOUD COMPANY

GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 26 years experience in web technology.

https://carbon60.com/

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.

SpaceX

/	200	spacex.com	12.7KB		31ms
style.min.css	200	spacex.com	83.1KB		6ms
fix.css	200	spacex.com	81B		3ms
deps-min.js	200	spacex.com	250KB		6ms
player-min.js	200	spacex.com	115KB		21ms
core-min.js	200	spacex.com	11.0KB		3ms
D-DIN-Bold.woff2	200	spacex.com	21.5KB		62ms
D-DIN.woff2	200	spacex.com	20.3KB		62ms
Homepage_Desktop.webp	200	spacex.com	39.8KB		4ms
Homepage_Desktop.webp	200	spacex.com	74.9KB		6ms
Homepage_Desktop.webp	200	spacex.com	150KB		8ms
S20_Chopstick_Stack_Desktop.webp	200	spacex.com	213KB		8ms
hls-resized-2.webp	200	spacex.com	428KB		12ms
favicon.ico	200	spacex.com	15.0KB		3ms

14 Requests   **1.40MB (1.40MB Uncompressed)**   **Fully Loaded 307ms (Onload 179ms)**

0s	0.1s	0.1s	0.1s	0.2s	0.2s	0.2s	0.2s	0.3s	0.3s		

TTFB: 30ms
Redirect: 0ms
Connect: 29ms
Backend: 1ms

First Contentful Paint: 125ms

Time to Interactive: 144ms

Onload Time: 179ms

Largest Contentful Paint: 307ms

Fully Loaded Time: 307ms

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

124ms

Time to Interactive

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

144ms

Speed Index

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

Good - Nothing to do here

371ms

Total Blocking Time

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

0ms

Largest Contentful Paint

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

Good - Nothing to do here

307ms

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

0.03

Browser Timings

Redirect	0ms	Connect	29ms	Backend	1ms
TTFB	30ms	First Paint	125ms	DOM Int.	133ms
DOM Loaded	144ms	Onload	179ms	Fully Loaded	307ms

IMPACT	AUDIT	
Low	**Eliminate render-blocking resources**	Potential savings of 62ms
Low	**Enable text compression**	Potential savings of 345KB
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Low	**Reduce JavaScript execution time**	130ms spent executing JavaScript
Low	**Reduce unused CSS**	Potential savings of 75.5KB
Low	**Avoid serving legacy JavaScript to modern browsers**	Potential savings of 167B
Low	**Avoid large layout shifts**	5 elements found
Low	**Avoid chaining critical requests**	5 chains found
Low	**Reduce unused JavaScript**	Potential savings of 276KB
N/A	**Avoid an excessive DOM size**	158 elements
N/A	**Largest Contentful Paint element**	1 element found
N/A	**Reduce initial server response time**	Root document took 1ms
N/A	**Minimize main-thread work**	Main-thread busy for 511ms
N/A	**User Timing marks and measures**	
N/A	**Reduce the impact of third-party code**	