



Performance Report for: <https://scailyte.com/>

Report generated: Tue, Mar 12, 2024 3:25 AM -0700
 Test Server Location: London, UK
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

A	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	100%	95%	660ms	0ms	0

Top Issues

Med	Use explicit width and height on image elements <small>CLS</small>	3 images found
Med	Avoid an excessive DOM size <small>TBT</small>	1,548 elements
Low	Use a Content Delivery Network (CDN)	7 resources found
Low	Avoid enormous network payloads <small>LCP</small>	Total size was 1.02MB
Low	Properly size images	Potential savings of 38.8KB

Page Details



Total Page Size - 1.02MB



Total Page Requests - 14



■ 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

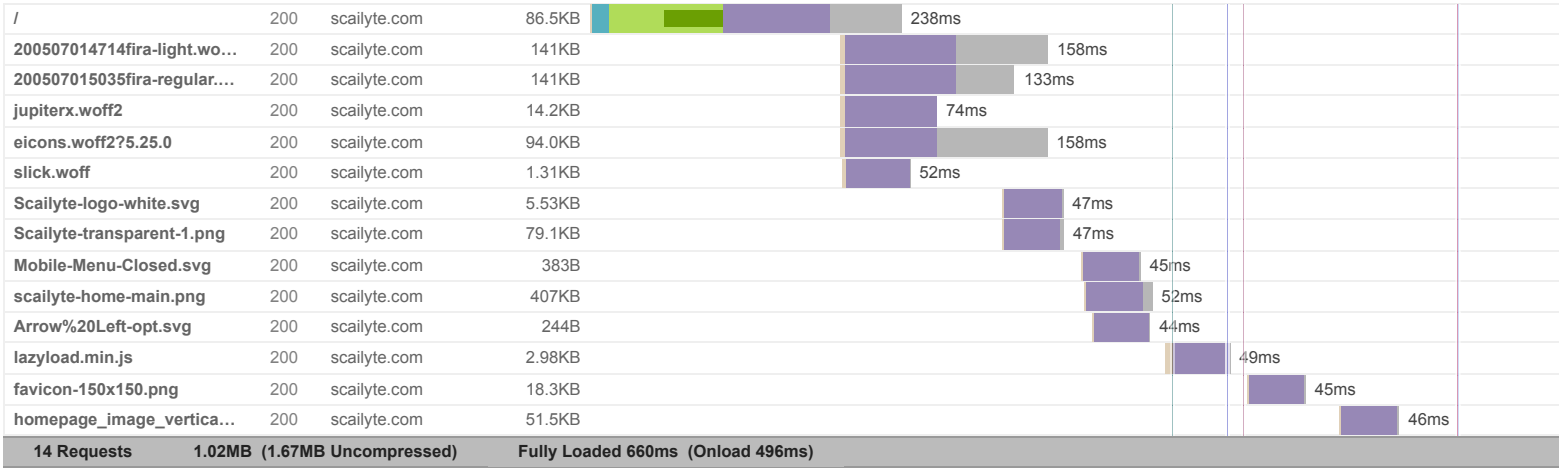


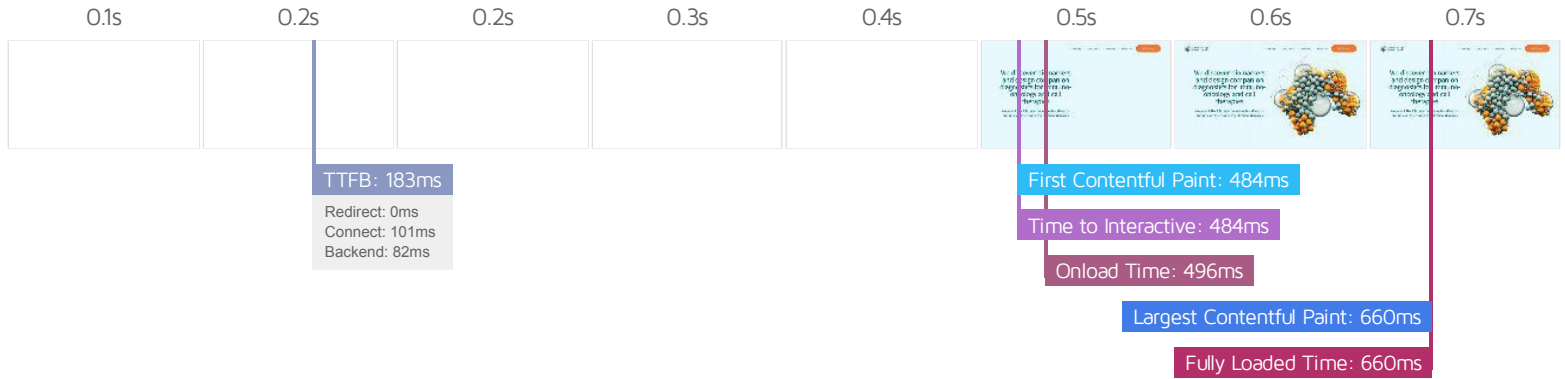
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

<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.

Scailyte - True precision medicine through single-cell science





Performance Metrics

<p>First Contentful Paint</p> <p>How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.</p>	<p>Good - Nothing to do here</p> <p>483ms</p>	<p>Time to Interactive</p> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>	<p>Good - Nothing to do here</p> <p>483ms</p>
<p>Speed Index</p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Good - Nothing to do here</p> <p>500ms</p>	<p>Total Blocking Time</p> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p>	<p>Good - Nothing to do here</p> <p>0ms</p>
<p>Largest Contentful Paint</p> <p>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.</p>	<p>Good - Nothing to do here</p> <p>660ms</p>	<p>Cumulative Layout Shift</p> <p>How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.</p>	<p>Good - Nothing to do here</p> <p>0</p>

Browser Timings

Redirect	0ms	Connect	101ms	Backend	82ms
TTFB	183ms	DOM Int.	440ms	DOM Loaded	442ms
First Paint	484ms	Onload	496ms	Fully Loaded	660ms

IMPACT AUDIT

Low

Avoid long main-thread tasks TBT

1 long task found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay.

URL	START TIME	DURATION
• https://scailyte.com/	375ms	55ms

Low

Reduce unused CSS FCP LCP

Potential savings of 40.5KB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• .tippy-box{position:relative;background-color:#333;color:#fff;border-radius:4px;font-size:14px; ... } ...	48.1KB	40.5KB

Low

Serve images in next-gen formats

Potential savings of 232KB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://scailyte.com/wp-content/uploads/2022/01/scailyte-home-main.png	407KB	200KB
https://scailyte.com/wp-content/uploads/2021/12/Scailyte-transparent-1.png	79.1KB	32.6KB

Low

Defer offscreen images

Potential savings of 5.60KB

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://scailyte.com/wp-content/uploads/2021/06/Scailyte-logo-white.svg	5.60KB	5.60KB

N/A

Largest Contentful Paint element LCP

660 ms

This is the largest contentful element painted within the viewport.

ELEMENT

```
main#jupiterx-main > div.elementor > section.elementor-section > div.elementor-background-overlay
<div class="elementor-background-overlay">
```

PHASE	% OF LCP	TIMING
TTFB	28%	183ms
Load Delay	30%	195ms
Load Time	8%	51ms
Render Delay	35%	230ms

N/A **Reduce JavaScript execution time** TBT 57ms spent executing JavaScript

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this.

URL	TOTAL CPU TIME	SCRIPT EVALUATION	SCRIPT PARSE
• https://scailyte.com/	159ms	27ms	3ms
• Unattributable	150ms	26ms	0ms

N/A **Reduce initial server response time** FCP LCP Root document took 81ms

Keep the server response time for the main document short because all other requests depend on it.

URL	TIME SPENT
• https://scailyte.com/	81ms

N/A **Minimize main-thread work** TBT Main-thread busy for 314ms

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

CATEGORY	TIME SPENT
Other	150ms
Script Evaluation	58ms
Style & Layout	55ms
Parse HTML & CSS	38ms
Rendering	8ms
Script Parsing & Compilation	3ms

N/A **Avoid chaining critical requests** FCP LCP

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load.

Maximum critical path latency: **236ms**

INITIAL NAVIGATION

|

N/A

Eliminate render-blocking resources FCP LCP

Nothing to do here, good job!

N/A

Avoid serving legacy JavaScript to modern browsers TBT

Nothing to do here, good job!

N/A

Avoid large layout shifts CLS

Nothing to do here, good job!

N/A

User Timing marks and measures

No user timings and/or marks found.

N/A

Reduce the impact of third-party code TBT

Nothing to do here, good job!