



Performance Report for: <https://www.revanatx.com/>

Report generated: Tue, Mar 12, 2024 11:42 PM -0700
 Test Server Location: London, UK
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

B	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	74%	99%	2.3s	4ms	0

Top Issues

High	Reduce initial server response time <small>FCP LCP</small>	Root document took 1.8s
Low	Serve static assets with an efficient cache policy	Potential savings of 67.4KB
Low	Use a Content Delivery Network (CDN)	1 resource found
Low	Avoid chaining critical requests <small>FCP LCP</small>	7 chains found
Low	Avoid long main-thread tasks <small>TBT</small>	2 long tasks found

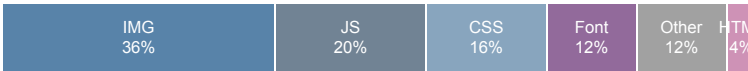
Page Details



Total Page Size - 795KB



Total Page Requests - 25



Legend: 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

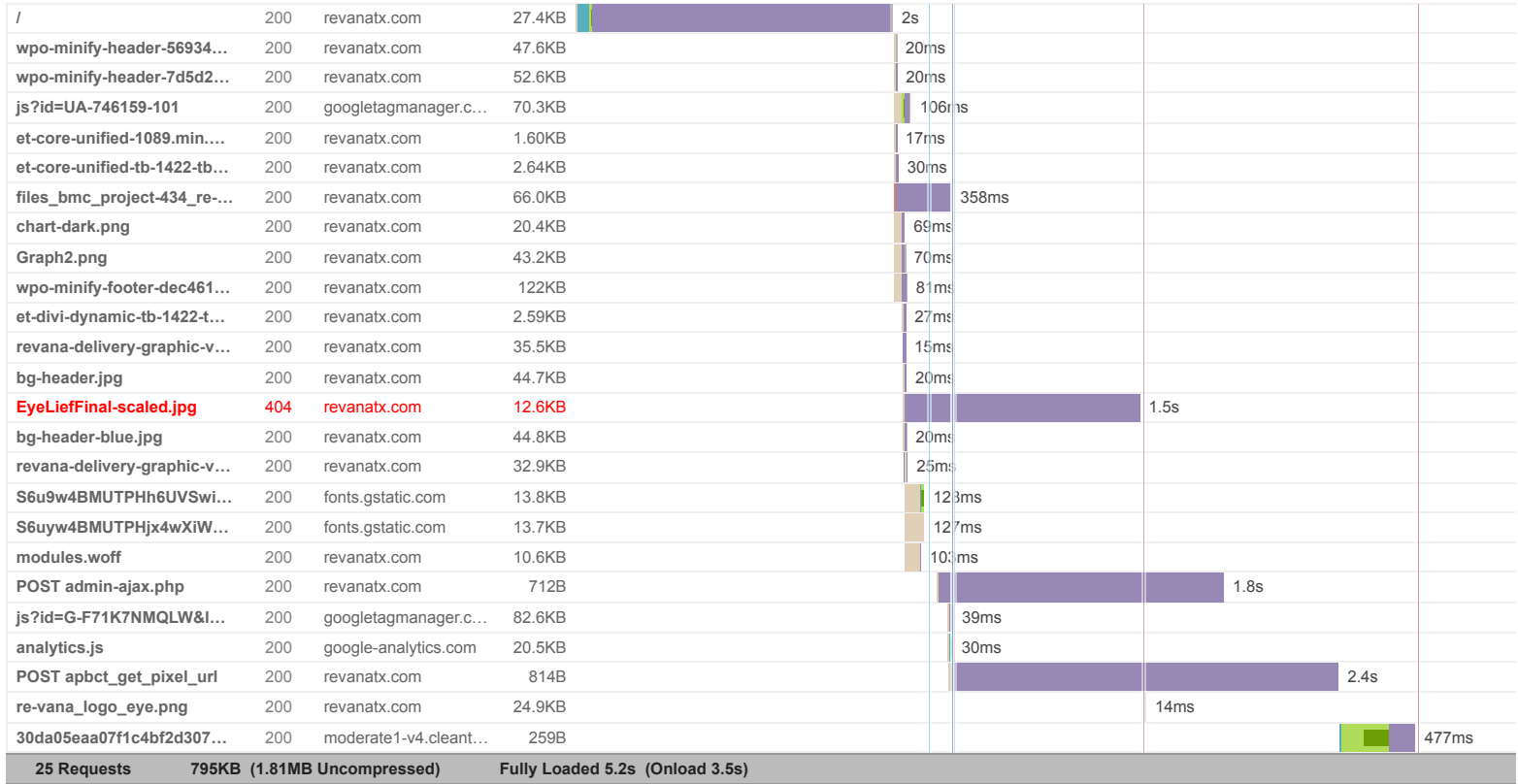
GTmetrix is developed by the good folks at **CARBON60**, a Canadian hosting company with over 28 years experience in web technology.

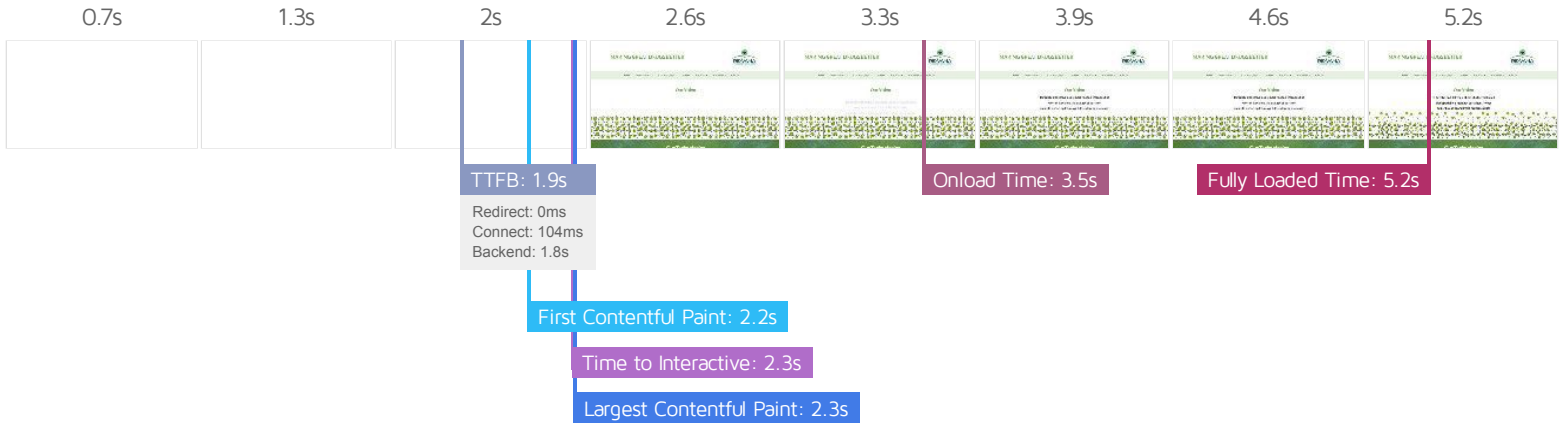


<https://carbon60.com/>

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.

Home - Re-Vana: Making Great Drugs Better





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>Much longer than recommended</p> <p>2.2s</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>2.3s</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>Much longer than recommended</p> <p>2.6s</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>4ms</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>Longer than recommended</p> <p>2.3s</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	104ms	Backend	1.8s
TTFB	1.9s	First Paint	2.2s	DOM Int.	2.3s
DOM Loaded	2.3s	Onload	3.5s	Fully Loaded	5.2s

IMPACT AUDIT

Low **Avoid an excessive DOM size** TBT 338 elements

A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows.

STATISTIC	ELEMENT	VALUE
Total DOM Elements		338
Maximum DOM Depth	li#mega-menu-item-text-12 > div.textwidget > p > span 	22
Maximum Child Elements	Our Vision To develop and deliver in clinic, photocrosslinked, biodegradable 6... <div class="et_builder_inner_content et_pb_gutters3">	10

Low **Avoid enormous network payloads** LCP Total size was 797KB

Large network payloads cost users real money and are highly correlated with long load times.

URL	TRANSFER SIZE
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-footer-dec461b5.min.js	122KB
https://www.googletagmanager.com/gtag/js?id=G-F71K7NMQLW&l=dataLayer&cx=c	82.7KB
https://www.googletagmanager.com/gtag/js?id=UA-746159-101	70.7KB
https://www.revanatx.com/wp-content/uploads/2021/02/files_bmc_project-434_re-vana-logo-y21m02d12.png	66.5KB
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-header-7d5d205a.min.js	52.6KB
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-header-569345ec.min.css	47.6KB
https://www.revanatx.com/wp-content/uploads/2020/04/bg-header-blue.jpg	44.8KB
https://www.revanatx.com/wp-content/uploads/2020/04/bg-header.jpg	44.7KB
https://www.revanatx.com/wp-content/uploads/2020/04/Graph2.png	43.2KB
https://www.revanatx.com/wp-content/uploads/2020/05/revana-delivery-graphic-v7_step1.png	35.5KB

Low **Properly size images** Potential savings of 88.2KB

Serve images that are appropriately-sized to save cellular data and improve load time.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.revanatx.com/wp-content/uploads/2021/02/files_bmc_project-434_re-vana-logo-y21m02d12.png	66.0KB	64.4KB
https://www.revanatx.com/wp-content/uploads/2020/04/Graph2.png	42.7KB	23.8KB

Low **Efficiently encode images** Potential savings of 24.6KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.revanatx.com/wp-content/uploads/2020/04/bg-header-blue.jpg	44.3KB	12.3KB
https://www.revanatx.com/wp-content/uploads/2020/04/bg-header.jpg	44.2KB	12.3KB

Low **Reduce JavaScript execution time** TBT 159ms 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://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-header-7d5d205a.min.js	171ms	79ms	2ms
• https://www.revanatx.com/	168ms	3ms	1ms
• Unattributable	98ms	7ms	0ms
• https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-footer-dec461b5.min.js	76ms	54ms	9ms

Low **Reduce unused CSS** FCP LCP Potential savings of 44.7KB

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
• https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-header-569345ec.min.css	47.6KB	44.7KB

Low **Serve images in next-gen formats** Potential savings of 179KB

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://www.revanatx.com/wp-content/uploads/2020/04/bg-header-blue.jpg	44.3KB	32.5KB
https://www.revanatx.com/wp-content/uploads/2020/04/bg-header.jpg	44.2KB	32.4KB
https://www.revanatx.com/wp-content/uploads/2020/05/revana-delivery-graphic-v7_step1.png	35.0KB	27.7KB
https://www.revanatx.com/wp-content/uploads/2021/02/files_bmc_project-434_re-vana-logo-y21m02d12.png	66.0KB	25.4KB
https://www.revanatx.com/wp-content/uploads/2020/05/revana-delivery-graphic-v7_step3a.png	32.4KB	24.8KB
https://www.revanatx.com/wp-content/uploads/2020/04/Graph2.png	42.7KB	24.1KB
https://www.revanatx.com/wp-content/uploads/2020/04/chart-dark.png	19.9KB	12.4KB

Low **Defer offscreen images** Potential savings of 35.0KB

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://www.revanatx.com/wp-content/uploads/2020/05/revana-delivery-graphic-v7_step1.png	35.0KB	35.0KB

Low **Reduce unused JavaScript** LCP Potential savings of 221KB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-footer-dec461b5.min.js	122KB	73.1KB
https://www.googletagmanager.com/gtag/js?id=UA-746159-101	70.7KB	53.5KB
https://www.googletagmanager.com/gtag/js?id=G-F71K7NMQLW&l=dataLayer&cx=c	82.7KB	39.5KB
https://www.googletagmanager.com/gtag/js?id=UA-746159-101	70.7KB	32.0KB
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-header-7d5d205a.min.js	52.6KB	22.8KB

N/A **Largest Contentful Paint element** LCP 2,330 ms

This is the largest contentful element painted within the viewport.

ELEMENT

Our Technologies

```
<div class="et_pb_section et_pb_section_2 et_pb_with_background et_section_regular">
```

PHASE	% OF LCP	TIMING
TTFB	84%	1.9s
Load Delay	4%	87ms
Load Time	1%	18ms
Render Delay	12%	276ms

N/A **Eliminate render-blocking resources** FCP LCP Potential savings of 13ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles.

Resources that **may** be contributing to render-blocking include:

URL	TRANSFER SIZE	DOWNLOAD TIME
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-header-569345ec.min.css	47.6KB	300ms
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-header-7d5d205a.min.js	52.6KB	450ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT Potential savings of 95B

Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browsers.

URL	POTENTIAL SAVINGS
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-header-7d5d205a.min.js	52B
Line:12 Column:4239	@babel/plugin-transform-classes
https://www.revanatx.com/wp-content/cache/wpo-minify/1709277720/assets/wpo-minify-footer-dec461b5.min.js	43B
Line:40 Column:452	@babel/plugin-transform-classes

N/A

Avoid large layout shifts CLS

5 elements found

These DOM elements contribute most to the CLS of the page.

ELEMENT	CLS CONTRIBUTION
Our Technologies <div class="et_pb_section et_pb_section_2 et_pb_with_background et_section_regular">	0.00
Our Vision <h1>	0.00
Our Technology 	0.00
Partnerships 	0.00
The Team 	0.00

N/A

Minimize main-thread work TBT

Main-thread busy for 605ms

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

CATEGORY	TIME SPENT
Script Evaluation	212ms
Other	185ms
Style & Layout	141ms
Script Parsing & Compilation	29ms
Parse HTML & CSS	16ms
Rendering	15ms
Garbage Collection	4ms

N/A

Reduce the impact of third-party code TBT

Total size was 203KB

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading.

THIRD-PARTY	TRANSFER SIZE	MAIN-THREAD BLOCKING TIME
GOOGLE TAG MANAGER	153KB	0ms
• https://www.googletagmanager.com/gtag/js?id=G-F71K7NMQLW&l=dataLayer&cx=c	82.7KB	0ms
• https://www.googletagmanager.com/gtag/js?id=UA-746159-101	70.7KB	0ms
GOOGLE FONTS	28.1KB	0ms
• https://fonts.gstatic.com/s/lato/v24/S6uyw4BMUTPHjx4wXiWtFCc.woff2	14.2KB	0ms
• https://fonts.gstatic.com/s/lato/v24/S6u9w4BMUTPHh6UVSwiPGQ3g5d0.woff2	14.0KB	0ms
GOOGLE ANALYTICS	20.8KB	0ms
• https://www.google-analytics.com/analytics.js	20.8KB	0ms
CLEANTALK.ORG	259B	0ms

N/A

User Timing marks and measures

No user timings and/or marks found.