Performance Report for:

http://www.cv6t.com/

Report generated: Tue, Mar 12, 2024 11:01 PM -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
	91%	92%	1.0s	0ms	0

Top Issues

Med	**Use explicit width and height on image elements** CLS	3 images found
Med-Low	**Use a Content Delivery Network (CDN)**	26 resources found
Med-Low	**Serve static assets with an efficient cache policy**	Potential savings of 108KB
Low	**Avoid chaining critical requests** FCP LCP	29 chains found
Low	**Use passive listeners to improve scrolling performance**	1 event listener not passive

Page Details

5.7s
Fully Loaded Time

Total Page Size - 1.68MB

Total Page Requests - 47

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

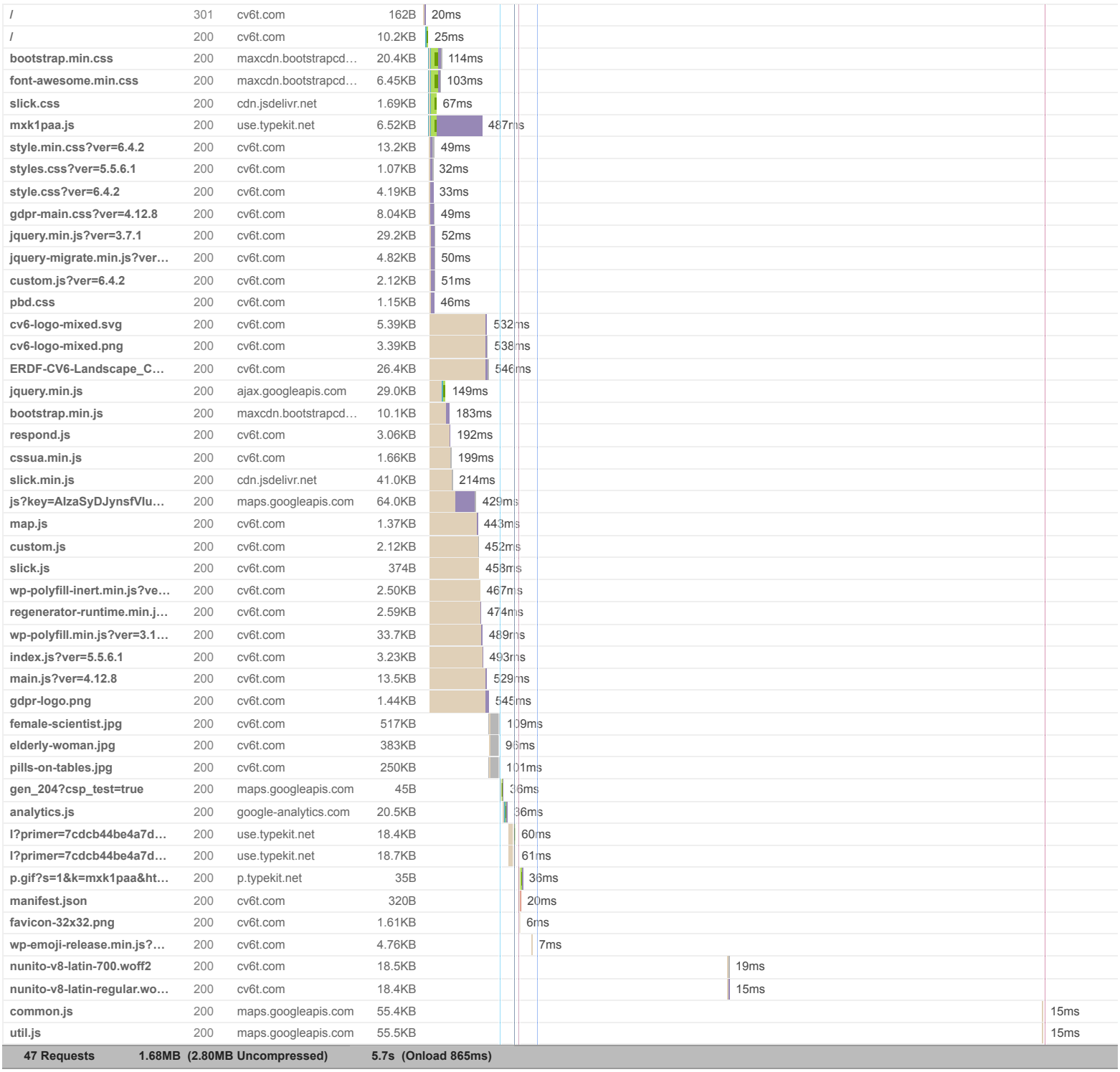
CARBON 60
THE MANAGED CLOUD COMPANY

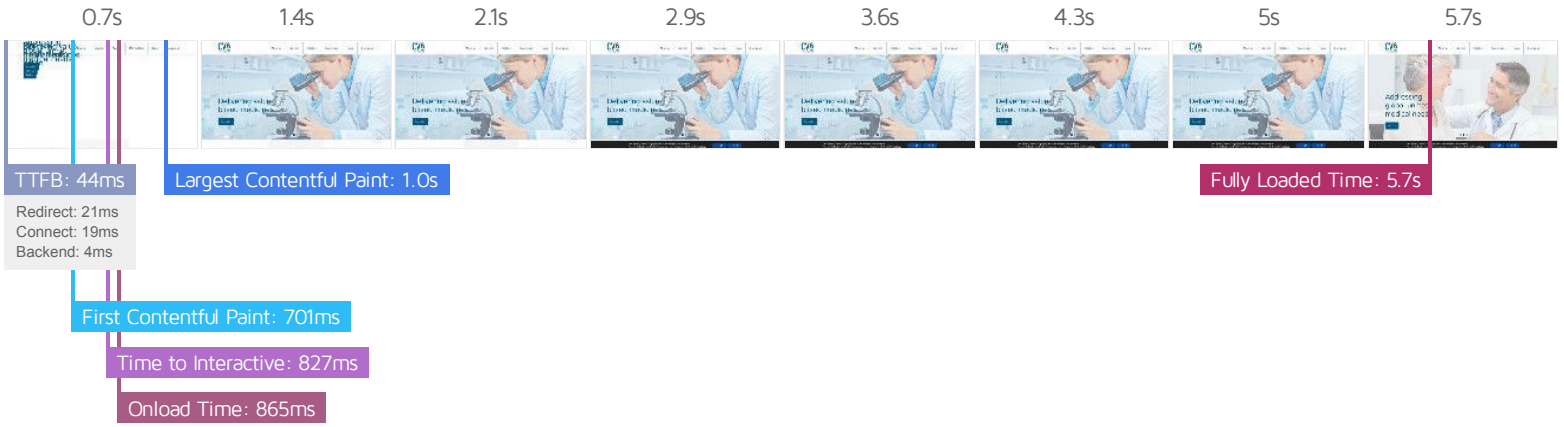
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

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.

CV6 Therapeutics - an early stage drug development company.





Performance Metrics

First Contentful Paint

Good - Nothing to do here

How quickly content like text or images are painted onto your page. A good user experience is 0.9s or less.

700ms

Time to Interactive

Good - Nothing to do here

How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.

827ms

Speed Index

Much longer than recommended

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

3.1s

Total Blocking Time

Good - Nothing to do here

How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.

0ms

Largest Contentful Paint

Good - Nothing to do here

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.

1.0s

Cumulative Layout Shift

Good - Nothing to do here

How much your page's layout shifts as it loads. A good user experience is a score of 0.1 or less.

0

Browser Timings

Redirect	21ms	Connect	19ms	Backend	4ms
TTFB	44ms	First Paint	701ms	DOM Int.	788ms
DOM Loaded	827ms	Onload	865ms	Fully Loaded	5.7s

IMPACT AUDIT

Low — Eliminate render-blocking resources FCP LCP

Potential savings of 67ms

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://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css	20.4KB	1.0s
https://cdn.jsdelivr.net/jquery.slick/1.6.0/slick.css	2.10KB	815ms
https://www.cv6t.com/backend/wp-includes/css/dist/block-library/style.min.css?ver=6.4.2	13.2KB	301ms
https://www.cv6t.com/app/themes/cv6/style.css?ver=6.4.2	4.19KB	151ms
https://www.cv6t.com/app/plugins/gdpr-cookie-compliance/dist/styles/gdpr-main.css?ver=4.12.8	8.04KB	151ms
https://use.typekit.net/mxk1paa.js	6.75KB	756ms
https://www.cv6t.com/backend/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	29.2KB	603ms

Low — Enable text compression FCP LCP

Potential savings of 31.0KB

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://cdn.jsdelivr.net/jquery.slick/1.6.0/slick.min.js	41.0KB	31.0KB

Low — Avoid enormous network payloads LCP

Total size was 1.68MB

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

URL	TRANSFER SIZE
https://www.cv6t.com/app/uploads/2018/03/female-scientist.jpg	518KB
https://www.cv6t.com/app/uploads/2016/05/elderly-woman.jpg	384KB
https://www.cv6t.com/app/uploads/2018/03/pills-on-tables.jpg	250KB
https://maps.googleapis.com/maps/api/js?key=AIzaSyDJynsfVIuxRi0KBMRMb5p5RMX2AENPGtQ	64.2KB
https://maps.googleapis.com/maps-api-v3/api/js/56/3/common.js	55.8KB
https://maps.googleapis.com/maps-api-v3/api/js/56/3/util.js	55.6KB
https://cdn.jsdelivr.net/jquery.slick/1.6.0/slick.min.js	41.2KB
https://www.cv6t.com/backend/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0	33.7KB
https://ajax.googleapis.com/ajax/libs/jquery/2.1.3/jquery.min.js	29.6KB
https://www.cv6t.com/backend/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	29.2KB

Low — Properly size images

Potential savings of 24.7KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.cv6t.com/app/uploads/2017/01/ERDF-CV6-Landscape_Colour_JPEG-e1484751225668.jpg	26.4KB	24.7KB

Low **Avoid multiple page redirects** FCP LCP — Potential savings of 18ms

Redirects introduce additional delays before the page can be loaded.

URL	TIME SPENT
http://www.cv6t.com/	18ms
https://www.cv6t.com/	0ms

Low **Efficiently encode images** — Potential savings of 203KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://www.cv6t.com/app/uploads/2018/03/female-scientist.jpg	517KB	83.4KB
https://www.cv6t.com/app/uploads/2018/03/pills-on-tables.jpg	250KB	74.5KB
https://www.cv6t.com/app/uploads/2016/05/elderly-woman.jpg	383KB	44.8KB

Low **Ensure text remains visible during webfont load** FCP LCP — 2 fonts found

Leverage the `font-display` CSS feature to ensure text is user-visible while webfonts are loading.

URL	POTENTIAL SAVINGS
https://use.typekit.net/af/357d3c/00000000000000000001743c/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n4&v=3	13ms
https://use.typekit.net/af/279af5/00000000000000000001743f/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n7&v=3	14ms

Low **Reduce unused CSS** FCP LCP — Potential savings of 32.4KB

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://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css	20.4KB	19.2KB
https://www.cv6t.com/backend/wp-includes/css/dist/block-library/style.min.css?ver=6.4.2	13.2KB	13.2KB

Low **Serve images in next-gen formats** — Potential savings of 772KB

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.cv6t.com/app/uploads/2018/03/female-scientist.jpg	517KB	333KB
https://www.cv6t.com/app/uploads/2016/05/elderly-woman.jpg	383KB	241KB
https://www.cv6t.com/app/uploads/2018/03/pills-on-tables.jpg	250KB	185KB
https://www.cv6t.com/app/uploads/2017/01/ERDF-CV6-Landscape_Colour_JPEG-e1484751225668.jpg	26.4KB	13.4KB

Low **Defer offscreen images** — Potential savings of 711KB

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.cv6t.com/app/uploads/2018/03/female-scientist.jpg	517KB	479KB
https://www.cv6t.com/app/uploads/2018/03/pills-on-tables.jpg	250KB	232KB

Low **Reduce unused JavaScript** LCP — Potential savings of 83.3KB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
https://maps.googleapis.com/maps-api-v3/api/js/56/3/util.js	55.6KB	45.6KB
https://maps.googleapis.com/maps/api/js?key=AIzaSyDJynsfVIuxRi0KBMRMb5p5RMX2AENPGtQ	64.2KB	37.7KB

N/A **Avoid an excessive DOM size** TBT — 210 elements

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

STATISTIC	ELEMENT	VALUE
Total DOM Elements		210
Maximum DOM Depth	Enable or Disable Cookies `<span class="gdpr-sr-only">`	13
Maximum Child Elements	body.home `<body class="home page-template page-template-templates page-template-tpl-homepage page…">`	25

N/A **Largest Contentful Paint element** LCP — 1,040 ms

This is the largest contentful element painted within the viewport.

ELEMENT

Delivering value-based medicines Contact Us

```
<div class="slide slick-slide" style="background-image: url(&quot;https://www.cv6t.com/app/uploads/2018/03/female-sci…&quot;);" data-slick-index="0" aria-hidden="true" tabindex="-1" role="option" aria-describedby="slick-slide00">
```

PHASE	% OF LCP	TIMING
TTFB	4%	44ms
Load Delay	54%	561ms
Load Time	10%	105ms
Render Delay	32%	331ms

N/A **Reduce JavaScript execution time** TBT — 96ms 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.cv6t.com/	161ms	14ms	1ms
Unattributable	137ms	9ms	0ms
https://ajax.googleapis.com/ajax/libs/jquery/2.1.3/jquery.min.js	53ms	38ms	1ms
https://maps.googleapis.com/maps/api/js?key=AIzaSyDJynsfVluxRi0KBMRMb5p5RMX2AENPGtQ	51ms	27ms	3ms

N/A **Reduce initial server response time** FCP LCP — Root document took 3ms

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

URL	TIME SPENT
https://www.cv6t.com/	3ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT — Potential savings of 97B

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.cv6t.com/backend/wp-includes/js/dist/vendor/wp-polyfill-inert.min.js?ver=3.1.2		52B
Line:0 Column:452	`@babel/plugin-transform-classes`	
https://www.cv6t.com/app/plugins/gdpr-cookie-compliance/dist/scripts/main.js?ver=4.12.8		45B
Line:0 Column:2492	`@babel/plugin-transform-classes`	

N/A **Avoid large layout shifts** CLS — 3 elements found

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

ELEMENT	CLS CONTRIBUTION
About Us Science Pipeline Partnerships News Contact Us `<ul id="menu-main" class="nav navbar-nav navbar-right">`	0.00
We are using cookies to give you the best experience on our website. You can f… `<div class="moove-gdpr-info-bar-container">`	0.00
Reject `<button class="mgbutton moove-gdpr-infobar-reject-btn gdpr-fbo-1 " aria-label="Reject">`	0.00

N/A **Minimize main-thread work** TBT — Main-thread busy for 564ms

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	221ms
Other	201ms
Style & Layout	77ms
Parse HTML & CSS	28ms
Script Parsing & Compilation	24ms
Rendering	9ms
Garbage Collection	1ms

N/A **Reduce the impact of third-party code** TBT — Total size was 351KB

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 MAPS	176KB	0ms
• https://maps.googleapis.com/maps/api/js?key=AIzaSyDJynsfVIuxRi0KBMRMb5p5RMX2AENPGtQ	64.2KB	0ms
• https://maps.googleapis.com/maps-api-v3/api/js/56/3/common.js	55.8KB	0ms
• https://maps.googleapis.com/maps-api-v3/api/js/56/3/util.js	55.6KB	0ms
ADOBE TYPEKIT	44.4KB	0ms
• https://use.typekit.net/af/279af5/00000000000000000001743f/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n7&v=3	18.9KB	0ms
• https://use.typekit.net/af/357d3c/00000000000000000001743c/27/l?primer=7cdcb44be4a7db8877ffa5c0007b8dd865b3bbc383831fe2ea177f62257a9191&fvd=n4&v=3	18.6KB	0ms
• https://use.typekit.net/mxk1paa.js	6.75KB	0ms
JSDELIVR CDN	43.3KB	0ms
• https://cdn.jsdelivr.net/jquery.slick/1.6.0/slick.min.js	41.2KB	0ms
BOOTSTRAP CDN	37.0KB	0ms
• https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css	20.4KB	0ms
• https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/js/bootstrap.min.js	10.1KB	0ms
• https://maxcdn.bootstrapcdn.com/font-awesome/4.4.0/css/font-awesome.min.css	6.45KB	0ms
GOOGLE CDN	29.6KB	0ms
• https://ajax.googleapis.com/ajax/libs/jquery/2.1.3/jquery.min.js	29.6KB	0ms
GOOGLE ANALYTICS	20.8KB	0ms
• https://www.google-analytics.com/analytics.js	20.8KB	0ms

N/A **User Timing marks and measures**

No user timings and/or marks found.