



## Performance Report for: <https://www.infextx.com/>

Report generated: Tue, Mar 12, 2024 10:03 PM -0700  
 Test Server Location: London, UK  
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

<b>D</b>	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	<b>59%</b>	<b>82%</b>	<b>1.7s</b>	<b>978ms</b>	<b>0</b>

### Top Issues

Med-High	<b>Avoid enormous network payloads</b> <small>LCP</small>	Total size was 4.09MB
Med	<b>Serve static assets with an efficient cache policy</b>	Potential savings of 4.03MB
Med	<b>Avoid an excessive DOM size</b> <small>TBT</small>	1,527 elements
Med-Low	<b>Use a Content Delivery Network (CDN)</b>	46 resources found
Med-Low	<b>Eliminate render-blocking resources</b> <small>FCP LCP</small>	Potential savings of 284ms

### Page Details



Total Page Size - 4.09MB



Total Page Requests - 59



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

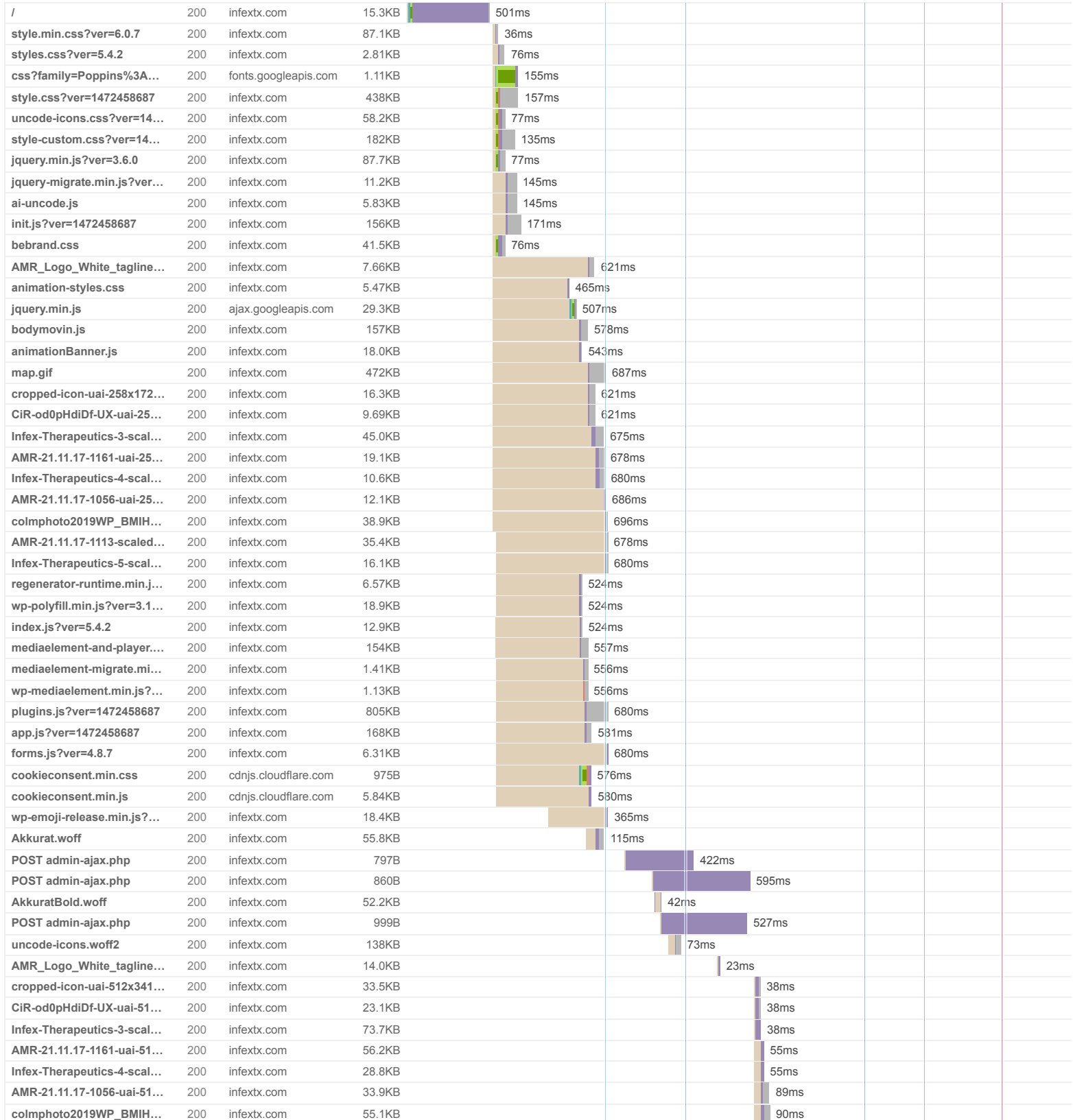
GTmetrix is developed by the good folks at **CARBON60**, a Canadian hosting company with over 28 years experience in web technology.



<https://carbon60.com/>

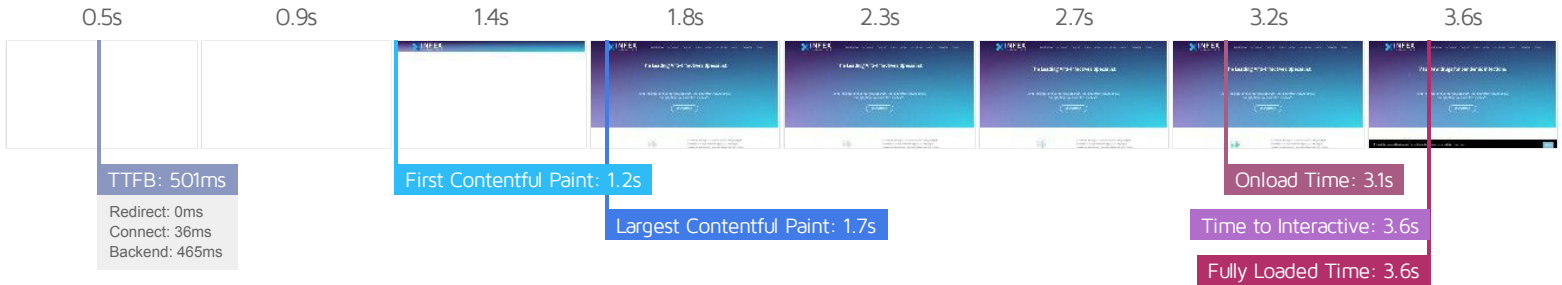
The waterfall chart displays the loading behaviour of your site in your selected browser. It can be used to discover simple issues such as 404's or more complex issues such as external resources blocking page rendering.

### Infex Therapeutics – Vital new drugs for pandemic infections



AMR-21.11.17-1113-scaled...	200	infextx.com	58.4KB				90ms		
Infex-Therapeutics-5-scal...	200	infextx.com	46.3KB				102ms		
CiR-od0pHdiDf-UX-uai-10...	200	infextx.com	68.0KB				119ms		
Infex-Therapeutics-3-scal...	200	infextx.com	248KB				149ms		
analytics.js	200	google-analytics.com	20.5KB				72ms		
cropped-icon-32x32.png	200	infextx.com	1.34KB						12ms

**59 Requests**    **4.09MB (4.25MB Uncompressed)**    **Fully Loaded 3.6s (Onload 3.1s)**



### Performance Metrics

<p><b>First Contentful Paint</b></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>OK, but consider improvement</p> <p><b>1.2s</b></p>	<p><b>Time to Interactive</b></p> <p>How long it takes for your page to become fully interactive. A good user experience is 2.5s or less.</p>	<p>Longer than recommended</p> <p><b>3.6s</b></p>
<p><b>Speed Index</b></p> <p>How quickly the contents of your page are visibly populated. A good user experience is 1.3s or less.</p>	<p>Longer than recommended</p> <p><b>1.8s</b></p>	<p><b>Total Blocking Time</b></p> <p>How much time is blocked by scripts during your page loading process. A good user experience is 150ms or less.</p>	<p>Much longer than recommended</p> <p><b>978ms</b></p>
<p><b>Largest Contentful Paint</b></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><b>1.7s</b></p>	<p><b>Cumulative Layout Shift</b></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><b>0</b></p>

### Browser Timings

Redirect	0ms	Connect	36ms	Backend	465ms
TTFB	501ms	First Paint	1.2s	DOM Int.	2.6s
DOM Loaded	2.8s	Onload	3.1s	Fully Loaded	3.6s

IMPACT AUDIT

Med-Low

**Avoid long main-thread tasks** TBT

20 long tasks found

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

URL	START TIME	DURATION
• <a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/app.js?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/app.js?ver=1472458687</a>	2.1s	419ms
• <a href="https://www.infextx.com/">https://www.infextx.com/</a>	644ms	231ms
• <a href="https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16">https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16</a>	1.9s	200ms
• <a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/plugins.js?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/plugins.js?ver=1472458687</a>	3.0s	167ms
• <a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/plugins.js?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/plugins.js?ver=1472458687</a>	2.6s	161ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	10.4s	117ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	2.8s	94ms
• <a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/init.js?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/init.js?ver=1472458687</a>	3.5s	84ms
• <a href="https://www.infextx.com/">https://www.infextx.com/</a>	507ms	82ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	1.6s	77ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	3.3s	75ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	1.8s	72ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	10.7s	71ms
• Unattributable	1.4s	68ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	2.9s	65ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	2.5s	64ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	3.3s	62ms
• <a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/init.js?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/init.js?ver=1472458687</a>	1.7s	61ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	10.6s	54ms
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	3.2s	53ms

Low

**Use passive listeners to improve scrolling performance**

1 event listener not passive

Consider marking your touch and wheel event listeners as `passive` to improve your page's scroll performance.

URL	LOCATION
• <a href="https://ajax.googleapis.com/ajax/libs/jquery/2.2.4/jquery.min.js">https://ajax.googleapis.com/ajax/libs/jquery/2.2.4/jquery.min.js</a>	Line:2

Low

**Reduce JavaScript execution time** TBT

1.1s 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
• <a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	2.4s	74ms	2ms
• <a href="https://www.infextx.com/">https://www.infextx.com/</a>	1.0s	293ms	18ms
• <a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/app.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/app.js?ver=1472458687</a>	586ms	245ms	43ms
• Unattributable	569ms	49ms	0ms
• <a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/init.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/init.js?ver=1472458687</a>	350ms	34ms	2ms
• <a href="https://ajax.googleapis.com/ajax/libs/jquery/2.2.4/jquery.min.js">https://ajax.googleapis.com/ajax/libs/jquery/2.2.4/jquery.min.js</a>	248ms	215ms	15ms
• <a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/plugins.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/plugins.js?ver=1472458687</a>	158ms	65ms	38ms
• <a href="https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16">https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16</a>	63ms	9ms	2ms

Low

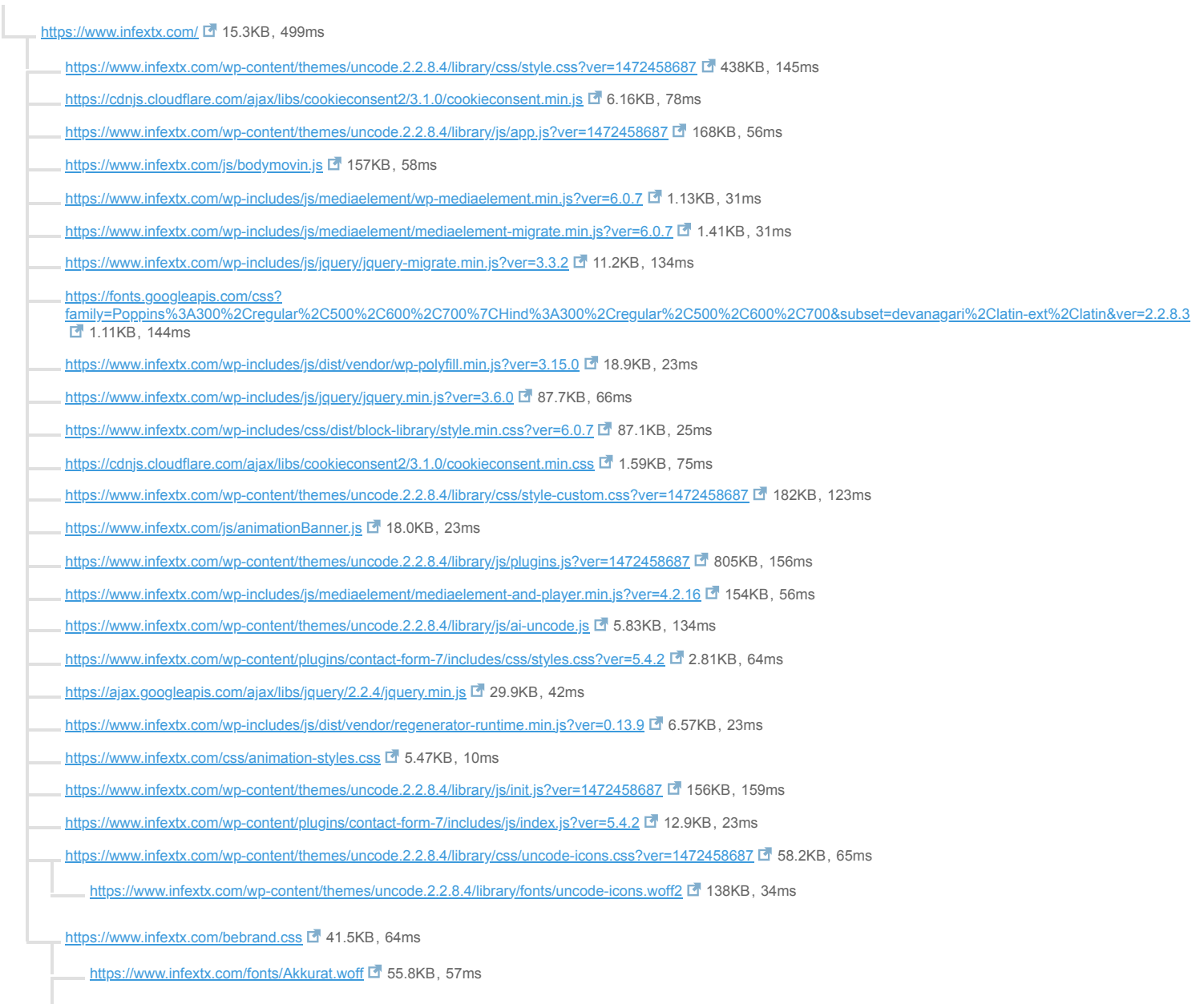
Avoid chaining critical requests FCP LCP

26 chains found

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: 1.7s

#### INITIAL NAVIGATION



Low

Enable text compression FCP LCP

Potential savings of 1.89MB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/plugins.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/plugins.js?ver=1472458687</a>	804KB	615KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/style.css?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/style.css?ver=1472458687</a>	438KB	378KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/style-custom.css?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/style-custom.css?ver=1472458687</a>	182KB	165KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/app.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/app.js?ver=1472458687</a>	167KB	130KB
<a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	156KB	121KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/init.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/init.js?ver=1472458687</a>	156KB	121KB
<a href="https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16">https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16</a>	154KB	116KB
<a href="https://www.infextx.com/wp-includes/css/dist/block-library/style.min.css?ver=6.0.7">https://www.infextx.com/wp-includes/css/dist/block-library/style.min.css?ver=6.0.7</a>	86.8KB	75.4KB
<a href="https://www.infextx.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.0">https://www.infextx.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.0</a>	87.4KB	57.2KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/unicode-icons.css?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/unicode-icons.css?ver=1472458687</a>	58.0KB	46.3KB
<a href="https://www.infextx.com/bebrand.css">https://www.infextx.com/bebrand.css</a>	41.3KB	33.6KB
<a href="https://www.infextx.com/js/animationBanner.js">https://www.infextx.com/js/animationBanner.js</a>	17.7KB	14.7KB
<a href="https://www.infextx.com/wp-includes/js/wp-emoji-release.min.js?ver=6.0.7">https://www.infextx.com/wp-includes/js/wp-emoji-release.min.js?ver=6.0.7</a>	18.2KB	13.3KB
<a href="https://www.infextx.com/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0">https://www.infextx.com/wp-includes/js/dist/vendor/wp-polyfill.min.js?ver=3.15.0</a>	18.7KB	11.8KB
<a href="https://www.infextx.com/wp-content/plugins/contact-form-7/includes/js/index.js?ver=5.4.2">https://www.infextx.com/wp-content/plugins/contact-form-7/includes/js/index.js?ver=5.4.2</a>	12.7KB	8.71KB
<a href="https://www.infextx.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.3.2">https://www.infextx.com/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.3.2</a>	11.0KB	6.89KB
<a href="https://www.infextx.com/css/animation-styles.css">https://www.infextx.com/css/animation-styles.css</a>	5.23KB	4.18KB
<a href="https://www.infextx.com/wp-includes/js/dist/vendor/regenerator-runtime.min.js?ver=0.13.9">https://www.infextx.com/wp-includes/js/dist/vendor/regenerator-runtime.min.js?ver=0.13.9</a>	6.32KB	3.92KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/ai-unicode.js">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/ai-unicode.js</a>	5.58KB	3.60KB
<a href="https://www.infextx.com/wp-content/plugins/mailchimp-for-wp/assets/js/forms.js?ver=4.8.7">https://www.infextx.com/wp-content/plugins/mailchimp-for-wp/assets/js/forms.js?ver=4.8.7</a>	6.06KB	3.57KB
<a href="https://www.infextx.com/wp-content/plugins/contact-form-7/includes/css/styles.css?ver=5.4.2">https://www.infextx.com/wp-content/plugins/contact-form-7/includes/css/styles.css?ver=5.4.2</a>	2.58KB	1.67KB

Low

Use video formats for animated content LCP

Potential savings of 307KB

Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.infextx.com/wp-content/uploads/map.gif">https://www.infextx.com/wp-content/uploads/map.gif</a>	472KB	307KB

Low

Properly size images

Potential savings of 859KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.infextx.com/wp-content/uploads/map.gif">https://www.infextx.com/wp-content/uploads/map.gif</a>	472KB	379KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-1440x960.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-1440x960.jpg</a>	247KB	216KB
<a href="https://www.infextx.com/wp-content/uploads/CiR-od0pHdiDf-UX-uai-1081x721.jpg">https://www.infextx.com/wp-content/uploads/CiR-od0pHdiDf-UX-uai-1081x721.jpg</a>	67.8KB	52.6KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-516x344.jpg</a>	73.4KB	39.2KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-516x344.jpg</a>	58.2KB	31.1KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1161-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1161-uai-516x344.jpg</a>	56.0KB	29.9KB
<a href="https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-516x344.jpg</a>	54.9KB	29.3KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-5-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-5-scaled-uai-516x344.jpg</a>	46.1KB	24.6KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1056-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1056-uai-516x344.jpg</a>	33.7KB	18.0KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-4-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-4-scaled-uai-516x344.jpg</a>	28.6KB	15.3KB
<a href="https://www.infextx.com/wp-content/uploads/CiR-od0pHdiDf-UX-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/CiR-od0pHdiDf-UX-uai-516x344.jpg</a>	22.9KB	12.2KB
<a href="https://www.infextx.com/wp-content/uploads/AMR_Logo_White_tagline.png">https://www.infextx.com/wp-content/uploads/AMR_Logo_White_tagline.png</a>	13.8KB	12.0KB

**Low** **Efficiently encode images** Potential savings of 260KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-1440x960.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-1440x960.jpg</a>	247KB	70.3KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-516x344.jpg</a>	73.4KB	36.8KB
<a href="https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-516x344.jpg</a>	54.9KB	34.4KB
<a href="https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-258x172.jpg">https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-258x172.jpg</a>	38.6KB	31.7KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-258x172.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-258x172.jpg</a>	44.7KB	31.4KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-516x344.jpg</a>	58.2KB	29.7KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-258x172.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-258x172.jpg</a>	35.2KB	25.2KB

**Low** **Ensure text remains visible during webfont load** FCP LCP 3 fonts found

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

URL	POTENTIAL SAVINGS
<a href="https://www.infextx.com/fonts/Akkurat.woff">https://www.infextx.com/fonts/Akkurat.woff</a>	57ms
<a href="https://www.infextx.com/fonts/AkkuratBold.woff">https://www.infextx.com/fonts/AkkuratBold.woff</a>	7ms
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/fonts/unicode-icons.woff2">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/fonts/unicode-icons.woff2</a>	34ms

**Low** **Reduce unused CSS** FCP LCP Potential savings of 719KB

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
• <a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/css/style.css?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/css/style.css?ver=1472458687</a>	438KB	401KB
• <a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/css/style-custom.css?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/css/style-custom.css?ver=1472458687</a>	182KB	142KB
• <a href="https://www.infextx.com/wp-includes/css/dist/block-library/style.min.css?ver=6.0.7">https://www.infextx.com/wp-includes/css/dist/block-library/style.min.css?ver=6.0.7</a>	87.1KB	86.9KB
• <a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/css/uncode-icons.css?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/css/uncode-icons.css?ver=1472458687</a>	58.2KB	57.7KB
• <a href="https://www.infextx.com/bebrand.css">https://www.infextx.com/bebrand.css</a>	41.5KB	31.6KB

Low

### Serve images in next-gen formats

Potential savings of 630KB

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
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-1440x960.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-1440x960.jpg</a>	247KB	175KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-516x344.jpg</a>	73.4KB	56.9KB
<a href="https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-516x344.jpg</a>	54.9KB	45.9KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-516x344.jpg</a>	58.2KB	45.0KB
<a href="https://www.infextx.com/wp-content/uploads/CiR-od0pHdiDf-UX-uai-1081x721.jpg">https://www.infextx.com/wp-content/uploads/CiR-od0pHdiDf-UX-uai-1081x721.jpg</a>	67.8KB	43.5KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-258x172.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-258x172.jpg</a>	44.7KB	38.3KB
<a href="https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-258x172.jpg">https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-258x172.jpg</a>	38.6KB	35.6KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-258x172.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-258x172.jpg</a>	35.2KB	30.4KB
<a href="https://www.infextx.com/wp-content/uploads/cropped-icon-uai-512x341.png">https://www.infextx.com/wp-content/uploads/cropped-icon-uai-512x341.png</a>	33.3KB	28.2KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1161-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1161-uai-516x344.jpg</a>	56.0KB	27.9KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-5-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-5-scaled-uai-516x344.jpg</a>	46.1KB	23.6KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1056-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1056-uai-516x344.jpg</a>	33.7KB	18.3KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-4-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-4-scaled-uai-516x344.jpg</a>	28.6KB	16.0KB
<a href="https://www.infextx.com/wp-content/uploads/CiR-od0pHdiDf-UX-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/CiR-od0pHdiDf-UX-uai-516x344.jpg</a>	22.9KB	14.1KB
<a href="https://www.infextx.com/wp-content/uploads/cropped-icon-uai-258x172.png">https://www.infextx.com/wp-content/uploads/cropped-icon-uai-258x172.png</a>	16.1KB	14.0KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1161-uai-258x172.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1161-uai-258x172.jpg</a>	18.8KB	9.10KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-5-scaled-uai-258x172.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-5-scaled-uai-258x172.jpg</a>	15.9KB	8.07KB

Low

### Reduce initial server response time FCP LCP

Root document took 464ms

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

URL	TIME SPENT
• <a href="https://www.infextx.com/">https://www.infextx.com/</a>	464ms

Low

### Defer offscreen images

Potential savings of 469KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-1440x960.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-3-scaled-uai-1440x960.jpg</a>	247KB	247KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1113-scaled-uai-516x344.jpg</a>	58.2KB	58.2KB
<a href="https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/colmpphoto2019WP_BMIH_COLM_LEONARD_2-scaled-uai-516x344.jpg</a>	54.9KB	54.9KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-5-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-5-scaled-uai-516x344.jpg</a>	46.1KB	46.1KB
<a href="https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1056-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/AMR-21.11.17-1056-uai-516x344.jpg</a>	33.7KB	33.7KB
<a href="https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-4-scaled-uai-516x344.jpg">https://www.infextx.com/wp-content/uploads/Infex-Therapeutics-4-scaled-uai-516x344.jpg</a>	28.6KB	28.6KB

Low

**Minify CSS** FCP LCP

Potential savings of 102KB

Minifying CSS files can reduce network payload sizes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• <a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/style.css?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/style.css?ver=1472458687</a>	438KB	72.9KB
• <a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/style-custom.css?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/css/style-custom.css?ver=1472458687</a>	182KB	21.5KB
• <a href="https://www.infextx.com/bebrand.css">https://www.infextx.com/bebrand.css</a>	41.5KB	7.55KB

Low

**Avoid non-composited animations** CLS

13 animated elements found

Animations which are not composited can be janky and increase CLS.

## ELEMENT

## NAME

```

div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob16
<div id="blob16" class="blob blob80p move4">
  Unsupported CSS Property: top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob5
<div id="blob5" class="blob blob30p">
  Unsupported CSS Property: top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob4
<div id="blob4" class="blob blob20p move6">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob17
<div id="blob17" class="blob blob90p move6">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob1
<div id="blob1" class="blob blob10p">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob20
<div id="blob20" class="blob blob100p move5">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob8
<div id="blob8" class="blob blob40p move2">
  Unsupported CSS Property: top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob10
<div id="blob10" class="blob blob50p move5">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob18
<div id="blob18" class="blob blob90p move">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob6
<div id="blob6" class="blob blob30p move3">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob12
<div id="blob12" class="blob blob60p move6">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob3
<div id="blob3" class="blob blob20p move5">
  Unsupported CSS Properties: right, top
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob15
<div id="blob15" class="blob blob80p move4">
  Unsupported CSS Property: top

```

travelUpRev

travelUpRev

travelUp

travelUp

travelDownRev

travelUp

travelUpRev

travelUp

travelDownRev

travelDown

travelUp

travelUp

travelUpRev

Low

Minify JavaScript FCP LCP

Potential savings of 426KB

Minifying JavaScript files can reduce payload sizes and script parse time.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/plugins.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/plugins.js?ver=1472458687</a>	805KB	335KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/init.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/init.js?ver=1472458687</a>	156KB	44.9KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/app.js?ver=1472458687">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/app.js?ver=1472458687</a>	168KB	41.8KB
<a href="https://www.infextx.com/js/animationBanner.js">https://www.infextx.com/js/animationBanner.js</a>	18.0KB	2.39KB
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/ai-unicode.js">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/ai-unicode.js</a>	5.83KB	2.14KB

Low

**Reduce unused JavaScript** LCP

Potential savings of 1.01MB

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

URL	TRANSFER SIZE	POTENTIAL SAVINGS
<a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/plugins.js?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/plugins.js?ver=1472458687</a>	805KB	557KB
<a href="https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16">https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16</a>	154KB	126KB
<a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/app.js?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/app.js?ver=1472458687</a>	168KB	124KB
<a href="https://www.infextx.com/js/bodymovin.js">https://www.infextx.com/js/bodymovin.js</a>	157KB	102KB
<a href="https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/init.js?ver=1472458687">https://www.infextx.com/wp-content/themes/uncode.2.2.8.4/library/js/init.js?ver=1472458687</a>	156KB	65.3KB
<a href="https://www.infextx.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.0">https://www.infextx.com/wp-includes/js/jquery/jquery.min.js?ver=3.6.0</a>	87.7KB	62.9KB

Low

**Use HTTP/2 for all resources**

52 requests not served via HTTP/2

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing.



URL

- <https://www.infextx.com/wp-content/uploads/cropped-icon-32x32.png>

PROTOCOL

http/1.1

N/A **Largest Contentful Paint element** LCP 1,690 ms

This is the largest contentful element painted within the viewport.

ELEMENT

```
div.t-entry-visual > div.t-entry-visual-tc > div.unicode-single-media-wrapper > img.wp-image-45180

```

PHASE	% OF LCP	TIMING
TTFB	30%	502ms
Load Delay	36%	600ms
Load Time	6%	109ms
Render Delay	28%	477ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT Potential savings of 30.6KB

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
<a href="https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/plugins.js?ver=147245868">https://www.infextx.com/wp-content/themes/unicode.2.2.8.4/library/js/plugins.js?ver=147245868</a> Line:12117 Column:2	30.4KB <code>Array.prototype.filter</code>
<a href="https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16">https://www.infextx.com/wp-includes/js/mediaelement/mediaelement-and-player.min.js?ver=4.2.16</a> Line:11 Column:12531	218B <code>@babel/plugin-transform-classes</code>

N/A **Avoid large layout shifts** CLS 5 elements found

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

ELEMENT	CLS CONTRIBUTION
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob16 <div id="blob16" class="blob blob80p move4">	0.00
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob5 <div id="blob5" class="blob blob30p">	0.00
div.wpb_raw_code > div.wpb_wrapper > div#anim_container > div#blob18 <div id="blob18" class="blob blob90p move">	0.00
Global Challenge <li id="menu-item-44835" class="menu-item menu-item-type-post_type menu-item-object-page menu-item-44835 m...">	0.00
Our Approach <li id="menu-item-45972" class="menu-item menu-item-type-post_type menu-item-object-page menu-item-45972 m...">	0.00

N/A **Minimize main-thread work** TBT Main-thread busy for 5.5s

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

CATEGORY	TIME SPENT
Other	2.6s
Style & Layout	1.2s
Script Evaluation	1.1s
Rendering	309ms
Script Parsing & Compilation	145ms
Parse HTML & CSS	107ms
Garbage Collection	3ms

N/A **Reduce the impact of third-party code** TBT Third-party code blocked the main thread for 87ms

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
<b>GOOGLE CDN</b>	29.9KB	87ms
• <a href="https://ajax.googleapis.com/ajax/libs/jquery/2.2.4/jquery.min.js">https://ajax.googleapis.com/ajax/libs/jquery/2.2.4/jquery.min.js</a>	29.9KB	87ms
<b>GOOGLE ANALYTICS</b>	20.8KB	0ms
• <a href="https://www.google-analytics.com/analytics.js">https://www.google-analytics.com/analytics.js</a>	20.8KB	0ms
<b>CLOUDFLARE CDN</b>	7.75KB	0ms
• <a href="https://cdnjs.cloudflare.com/ajax/libs/cookieconsent2/3.1.0/cookieconsent.min.js">https://cdnjs.cloudflare.com/ajax/libs/cookieconsent2/3.1.0/cookieconsent.min.js</a>	6.16KB	0ms
<b>GOOGLE FONTS</b>	1.11KB	0ms

N/A

**User Timing marks and measures**

No user timings and/or marks found.