



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

Report generated: Mon, Mar 11, 2024 9:57 AM -0700  
 Test Server Location: London, UK  
 Using: Chrome 117.0.0.0, Lighthouse 11.0.0

<b>B</b>	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
	86%	83%	1.3s	69ms	0

## Top Issues

High	Avoid enormous network payloads <small>LCP</small>	Total size was 18.3MB
Med	Use explicit width and height on image elements <small>CLS</small>	1 image found
Low	Serve static assets with an efficient cache policy	Potential savings of 86.9KB
Low	Use passive listeners to improve scrolling performance	1 event listener not passive
Low	Avoid an excessive DOM size <small>TBT</small>	717 elements

## Page Details



Total Page Size - 18.3MB



Total Page Requests - 46



### 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

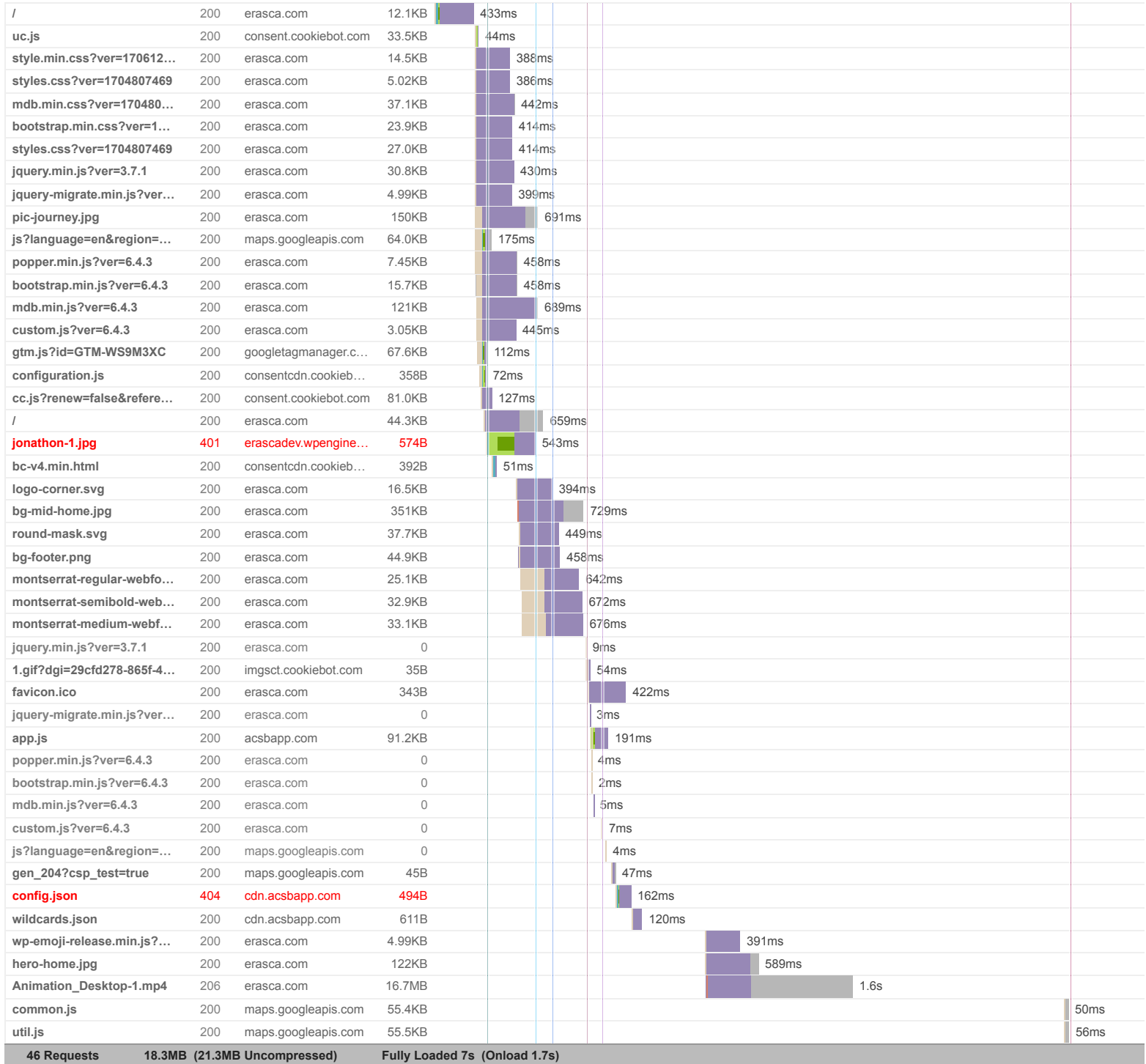


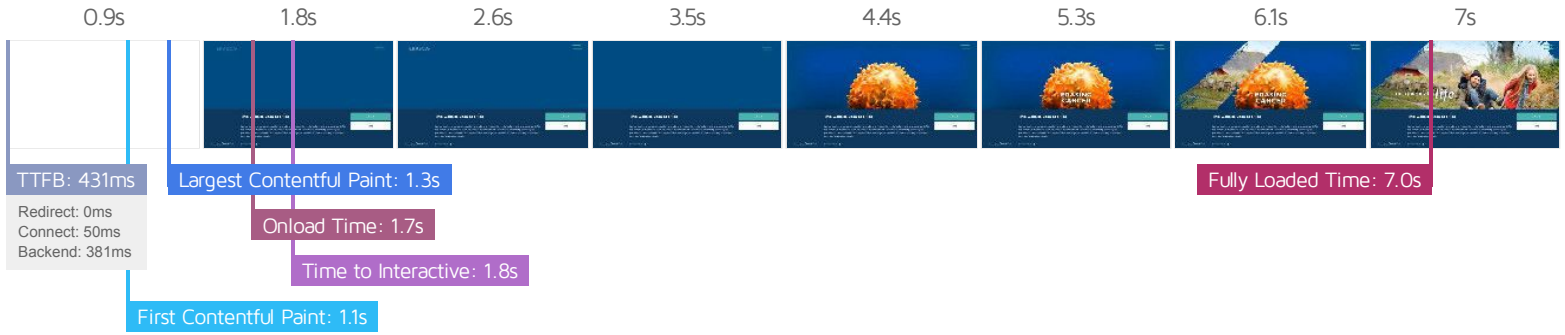
GTmetrix is developed by the good folks at **Carbon60**, a Canadian hosting company with over 28 years experience in web technology.

<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.

### Google Tag Manager & automatic cookie blocking





### 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>1.1s</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>Good - Nothing to do here</p> <p><b>1.8s</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>Much longer than recommended</p> <p><b>4.0s</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>Good - Nothing to do here</p> <p><b>69ms</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>OK, but consider improvement</p> <p><b>1.3s</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	50ms	Backend	381ms
TTFB	431ms	DOM Int.	572ms	DOM Loaded	573ms
First Paint	1.1s	Onload	1.7s	Fully Loaded	7.0s

IMPACT AUDIT

Low

Eliminate render-blocking resources FCP LCP

Potential savings of 48ms

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
<a href="https://www.erasca.com/wp-includes/css/dist/block-library/style.min.css?ver=1706122948">https://www.erasca.com/wp-includes/css/dist/block-library/style.min.css?ver=1706122948</a>	14.5KB	150ms
<a href="https://www.erasca.com/wp-content/themes/erasca/css/mdb.min.css?ver=1704807469">https://www.erasca.com/wp-content/themes/erasca/css/mdb.min.css?ver=1704807469</a>	37.1KB	450ms
<a href="https://www.erasca.com/wp-content/themes/erasca/css/bootstrap.min.css?ver=1704807469">https://www.erasca.com/wp-content/themes/erasca/css/bootstrap.min.css?ver=1704807469</a>	23.9KB	300ms
<a href="https://www.erasca.com/wp-content/themes/erasca/css/styles.css?ver=1704807469">https://www.erasca.com/wp-content/themes/erasca/css/styles.css?ver=1704807469</a>	27.0KB	300ms
<a href="https://consent.cookiebot.com/uc.js">https://consent.cookiebot.com/uc.js</a>	33.8KB	1.1s

Low

Avoid long main-thread tasks TBT

4 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.erasca.com/">https://www.erasca.com/</a>	900ms	163ms
<a href="https://www.erasca.com/">https://www.erasca.com/</a>	1.3s	77ms
<a href="https://consent.cookiebot.com/uc.js">https://consent.cookiebot.com/uc.js</a>	1.1s	76ms
<a href="https://www.erasca.com/wp-content/themes/erasca/js/mdb.min.js?ver=6.4.3">https://www.erasca.com/wp-content/themes/erasca/js/mdb.min.js?ver=6.4.3</a>	1.8s	65ms

Low

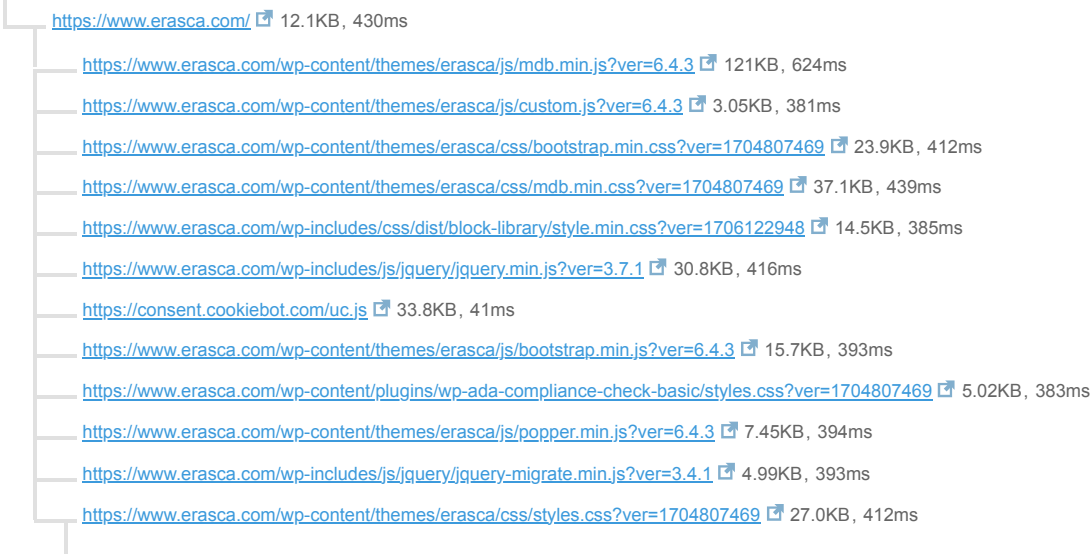
Avoid chaining critical requests FCP LCP

14 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: **1.6s**

INITIAL NAVIGATION



- <https://www.erasca.com/wp-content/themes/erasca/font/montserrat-semibold-webfont.woff2> 32.9KB, 424ms
- <https://www.erasca.com/wp-content/themes/erasca/font/montserrat-regular-webfont.woff2> 25.1KB, 392ms
- <https://www.erasca.com/wp-content/themes/erasca/font/montserrat-medium-webfont.woff2> 33.2KB, 414ms

**Low** Properly size images Potential savings of 54.4KB

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

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.erasca.com/wp-content/uploads/2021/05/pic-journey.jpg">https://www.erasca.com/wp-content/uploads/2021/05/pic-journey.jpg</a>	150KB	54.4KB

**Low** Efficiently encode images Potential savings of 117KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
<a href="https://www.erasca.com/wp-content/uploads/2021/05/pic-journey.jpg">https://www.erasca.com/wp-content/uploads/2021/05/pic-journey.jpg</a>	150KB	61.6KB
<a href="https://www.erasca.com/wp-content/themes/erasca/images/bg-mid-home.jpg">https://www.erasca.com/wp-content/themes/erasca/images/bg-mid-home.jpg</a>	351KB	55.0KB

**Low** Reduce JavaScript execution time TBT 326ms 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
• Unattributable	543ms	4ms	0ms
• <a href="https://www.erasca.com/">https://www.erasca.com/</a>	505ms	43ms	1ms
• <a href="https://consent.cookiebot.com/uc.js">https://consent.cookiebot.com/uc.js</a>	222ms	150ms	4ms
• <a href="https://www.erasca.com/wp-content/themes/erasca/js/mdb.min.js?ver=6.4.3">https://www.erasca.com/wp-content/themes/erasca/js/mdb.min.js?ver=6.4.3</a>	64ms	56ms	6ms
• <a href="https://www.googletagmanager.com/gtm.js?id=GTM-WS9M3XC">https://www.googletagmanager.com/gtm.js?id=GTM-WS9M3XC</a>	59ms	56ms	2ms

**Low** Reduce unused CSS FCP LCP Potential savings of 98KB

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.erasca.com/wp-content/themes/erasca/css/mdb.min.css?ver=1704807469">https://www.erasca.com/wp-content/themes/erasca/css/mdb.min.css?ver=1704807469</a>	37.1KB	36.8KB
<a href="https://www.erasca.com/wp-content/themes/erasca/css/styles.css?ver=1704807469">https://www.erasca.com/wp-content/themes/erasca/css/styles.css?ver=1704807469</a>	27.0KB	23.8KB
<a href="https://www.erasca.com/wp-content/themes/erasca/css/bootstrap.min.css?ver=1704807469">https://www.erasca.com/wp-content/themes/erasca/css/bootstrap.min.css?ver=1704807469</a>	23.9KB	22.7KB
<a href="https://www.erasca.com/wp-includes/css/dist/block-library/style.min.css?ver=1706122948">https://www.erasca.com/wp-includes/css/dist/block-library/style.min.css?ver=1706122948</a>	14.5KB	14.4KB

**Low** Serve images in next-gen formats Potential savings of 423KB

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.erasca.com/wp-content/themes/erasca/images/bg-mid-home.jpg">https://www.erasca.com/wp-content/themes/erasca/images/bg-mid-home.jpg</a>	351KB	219KB
<a href="https://www.erasca.com/wp-content/uploads/2021/05/pic-journey.jpg">https://www.erasca.com/wp-content/uploads/2021/05/pic-journey.jpg</a>	150KB	113KB
<a href="https://www.erasca.com/wp-content/themes/erasca/images/hero-home.jpg">https://www.erasca.com/wp-content/themes/erasca/images/hero-home.jpg</a>	122KB	69.3KB
<a href="https://www.erasca.com/wp-content/themes/erasca/images/bg-footer.png">https://www.erasca.com/wp-content/themes/erasca/images/bg-footer.png</a>	44.8KB	21.5KB

**Low** **Reduce initial server response time** FCP LCP Root document took 380ms

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

URL	TIME SPENT
• <a href="https://www.erasca.com/">https://www.erasca.com/</a>	380ms

**Low** **Minify CSS** FCP LCP Potential savings of 6.14KB

Minifying CSS files can reduce network payload sizes.

URL	TRANSFER SIZE	POTENTIAL SAVINGS
• <a href="https://www.erasca.com/wp-content/themes/erasca/css/mdb.min.css?ver=1704807469">https://www.erasca.com/wp-content/themes/erasca/css/mdb.min.css?ver=1704807469</a>	37.1KB	6.14KB

**Low** **Avoid non-composited animations** CLS 28 animated elements found

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

ELEMENT	NAME
CAREERS	
<a class="nav-link " id="nav-65" href="https://www.erasca.com/careers/">	
Unsupported CSS Property: color	color
div.tab-pane > ul.nav > li.nav-item > a.nav-link	
<a class="nav-link" target="_blank" href="https://www.linkedin.com/company/erasca">	
Unsupported CSS Property: color	color
PIPELINE	
<a class="nav-link " id="nav-40" href="https://www.erasca.com/pipeline/">	
Unsupported CSS Property: color	color
div.container > div.row > div.col-12 > a.btn	
<a class="btn btn-ico mx-auto mx-sm-0 inverse wow" animation-name="fadeInUp" data-wow-delay="0.5s" href="/science/#pathway">	
Unsupported CSS Property: color	color
div.container-fluid > div.row > div.col-12 > a.button-collapse	
<a data-activates="slide-out" class="button-collapse ml-auto mr-lg-3 wow slow animated fadeInLeft" animation-name="fadeInLeft" data-wow-delay="0s" style="animation-delay: 0s;">	
Unsupported CSS Property: color	color
div.container-fluid > div.row > div.col-12 > a.col-xs	
<a href="https://www.erasca.com" class="col-xs logo wow slower animated fadeInRight" animation-name="fadeInRight" data-wow-delay="6s" style="animation-delay: 6s;">	
Unsupported CSS Property: margin-top	margin-top
ABOUT	
<a class="nav-link " id="nav-17" href="https://www.erasca.com/about/">	
Unsupported CSS Property: color	color
div.tab-pane > ul.nav > li.nav-item > a.nav-link	
<a class="nav-link" target="_blank" href="https://twitter.com/erasca">	
Unsupported CSS Property: color	color
Privacy Policy	
<a class="nav-link" href="/privacy-policy/">	
Unsupported CSS Property: color	color
858.465.6511	
<a class="nav-link" href="tel:+18584656511">	
Unsupported CSS Property: color	color
div.container > div.row > div.col-12 > a.logo	
<a href="https://www.erasca.com" class="logo m-auto mx-md-0">	
Unsupported CSS Property: color	color
PEOPLE	
<a class="nav-link " id="nav-16" href="https://www.erasca.com/people/">	
Unsupported CSS Property: color	color
858.465.6511	
<a href="tel:+18584656511">	
Unsupported CSS Property: color	color
info@erasca.com	
<a class="nav-link" href="mailto:info@erasca.com">	
Unsupported CSS Property: color	color
div.container > div.row > div.col-12 > a.btn	
<a class="btn btn-ico mx-auto mx-sm-0 inverse wow" animation-name="fadeInUp" data-wow-delay="0.7s" href="/pipeline/">	
Unsupported CSS Property: color	color
SCIENCE	
<a class="nav-link " id="nav-35" href="https://www.erasca.com/science/">	
Unsupported CSS Property: color	color
div.col-12 > div.row > div.col-12 > a.p	

ELEMENT	NAME
<pre>&lt;a class="p text-center text-sm-left" href="http://investors.erasca.com/news-releases/news-release-details/erasca-anno..." target="_self"&gt;</pre>	
Unsupported CSS Property: color	color
div.col-12 > div.row > div.col-12 > a.p	
<pre>&lt;a class="p text-center text-sm-left" href="http://investors.erasca.com/news-releases/news-release-details/erasca-pres..." target="_self"&gt;</pre>	
Unsupported CSS Property: color	color
INVESTORS	
<pre>&lt;a class="nav-link " id="nav-482" href="https://investors.erasca.com/"&gt;</pre>	
Unsupported CSS Property: color	color
div.col-8 > div.section-title-aqua > h2.h2-white > a.stretched-link	
<pre>&lt;a class="stretched-link" href="https://investors.erasca.com/news-events/news-releases" target="_blank"&gt;</pre>	
Unsupported CSS Property: color	color
div.col-12 > div.row > div.col-12 > a.btn	
<pre>&lt;a class="btn btn-ico mx-auto mx-sm-0" href="https://investors.erasca.com/news-events/news-releases" target="_blank"&gt;</pre>	
Unsupported CSS Property: color	color
Terms of Use	
<pre>&lt;a class="nav-link" href="/terms-of-use/"&gt;</pre>	
Unsupported CSS Property: color	color
info@erasca.com	
<pre>&lt;a href="mailto:info@erasca.com"&gt;</pre>	
Unsupported CSS Property: color	color
PATIENTS	
<pre>&lt;a class="nav-link " id="nav-45" href="https://www.erasca.com/patients/"&gt;</pre>	
Unsupported CSS Property: color	color
div.col-12 > div.row > div.col-12 > a	
<pre>&lt;a target="_blank" href="https://twitter.com/erasca"&gt;</pre>	
Unsupported CSS Property: color	color
div.col-12 > div.row > div.col-12 > a	
<pre>&lt;a target="_blank" href="https://www.linkedin.com/company/erasca"&gt;</pre>	
Unsupported CSS Property: color	color
div.container > div.row > div.col-12 > a.btn	
<pre>&lt;a class="btn btn-ico mx-auto mx-sm-0 wow" animation-name="fadeInUp" data-wow-delay="0.5s" href="/careers/"&gt;</pre>	
Unsupported CSS Property: color	color
STAY IN TOUCH	
<pre>&lt;a class="nav-link disabled"&gt;</pre>	
Unsupported CSS Property: color	color

Low

Reduce unused JavaScript LCP

Potential savings of 328KB

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.erasca.com/wp-content/themes/erasca/js/mdb.min.js?ver=6.4.3">https://www.erasca.com/wp-content/themes/erasca/js/mdb.min.js?ver=6.4.3</a>	121KB	101KB
<a href="https://acsbapp.com/apps/app/dist/js/app.js">https://acsbapp.com/apps/app/dist/js/app.js</a>	91.2KB	79.9KB
<a href="https://maps.googleapis.com/maps-api-v3/api/js/56/3/util.js">https://maps.googleapis.com/maps-api-v3/api/js/56/3/util.js</a>	55.6KB	45.6KB
<a href="https://www.googletagmanager.com/gtm.js?id=GTM-WS9M3XC">https://www.googletagmanager.com/gtm.js?id=GTM-WS9M3XC</a>	68.0KB	40.3KB
<a href="https://maps.googleapis.com/maps/api/js?language=en&amp;region=GB&amp;key=AlzaSyBmhZpoCM17TclcdEX5AJJT-399RMIhSKA&amp;callback=initMap">https://maps.googleapis.com/maps/api/js?language=en&amp;region=GB&amp;key=AlzaSyBmhZpoCM17TclcdEX5AJJT-399RMIhSKA&amp;callback=initMap</a>	64.3KB	37.7KB
<a href="https://consent.cookiebot.com/29cfd278-865f-4369-b1f7-1eac448aec22/cc.js?renew=false&amp;referrer=www.erasca.com&amp;dnt=false&amp;init=false">https://consent.cookiebot.com/29cfd278-865f-4369-b1f7-1eac448aec22/cc.js?renew=false&amp;referrer=www.erasca.com&amp;dnt=false&amp;init=false</a>	81.3KB	23.3KB



N/A

**Largest Contentful Paint element** LCP

1,290 ms

This is the largest contentful element painted within the viewport.

## ELEMENT

We use cookies to personalise content and ads, to provide social media features...

```
<div id="CybotCookiebotDialogBodyContentText" lang="en">
```

PHASE	% OF LCP	TIMING
TTFB	34%	431ms
Load Delay	0%	0ms
Load Time	0%	0ms
Render Delay	66%	854ms

N/A

**Avoid serving legacy JavaScript to modern browsers** TBT

Potential savings of 7.57KB

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.erasca.com/wp-content/themes/erasca/js/mdb.min.js?ver=6.4.3">https://www.erasca.com/wp-content/themes/erasca/js/mdb.min.js?ver=6.4.3</a> Line:0 Column:220291	7.51KB
@babel/plugin-transform-classes	
Date.now	
<a href="https://www.erasca.com/wp-content/themes/erasca/js/popper.min.js?ver=6.4.3">https://www.erasca.com/wp-content/themes/erasca/js/popper.min.js?ver=6.4.3</a> Line:3 Column:12041	62B
@babel/plugin-transform-classes	

N/A

**Avoid large layout shifts** CLS

2 elements found

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

ELEMENT	CLS CONTRIBUTION
body > div.wrapper > section.overview <section class="overview bg">	0.00
div.container-fluid > div.row > div.col-12 > a.col-xs <a href="https://www.erasca.com" class="col-xs logo wow slower animated fadeInRight" animation-name="fadeInRight" data-wow-delay="6s" style="animation-delay: 6s;">	0.00

N/A

**Minimize main-thread work** TBT

Main-thread busy for 1.6s

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

CATEGORY	TIME SPENT
Other	801ms
Script Evaluation	457ms
Style & Layout	211ms
Parse HTML & CSS	51ms
Script Parsing & Compilation	45ms
Rendering	19ms
Garbage Collection	14ms

N/A

**Reduce the impact of third-party code** TBT

Total size was 453KB

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 MAPS</b>	176KB	0ms
• <a href="https://maps.googleapis.com/maps/api/js?language=en&amp;region=GB&amp;key=AlzaSyBmhZpoCM17TclcdEX5AJT-399RMIhSKA&amp;callback=initMap">https://maps.googleapis.com/maps/api/js?language=en&amp;region=GB&amp;key=AlzaSyBmhZpoCM17TclcdEX5AJT-399RMIhSKA&amp;callback=initMap</a>	64.3KB	0ms
• <a href="https://maps.googleapis.com/maps-api-v3/api/js/56/3/common.js">https://maps.googleapis.com/maps-api-v3/api/js/56/3/common.js</a>	55.8KB	0ms
• <a href="https://maps.googleapis.com/maps-api-v3/api/js/56/3/util.js">https://maps.googleapis.com/maps-api-v3/api/js/56/3/util.js</a>	55.6KB	0ms
<b>COOKIEBOT</b>	117KB	0ms
• <a href="https://consent.cookiebot.com/29cfd278-865f-4369-b1f7-1eac448aec22/cc.js?renew=false&amp;referer=www.erasca.com&amp;dnt=false&amp;init=false">https://consent.cookiebot.com/29cfd278-865f-4369-b1f7-1eac448aec22/cc.js?renew=false&amp;referer=www.erasca.com&amp;dnt=false&amp;init=false</a>	81.3KB	0ms
• <a href="https://consent.cookiebot.com/uc.js">https://consent.cookiebot.com/uc.js</a>	33.8KB	0ms
<b>ACCESSIBLE ACCESSIBILITY OVERLAY</b>	92.3KB	0ms
• <a href="https://acsbapp.com/apps/app/dist/js/app.js">https://acsbapp.com/apps/app/dist/js/app.js</a>	91.2KB	0ms
<b>GOOGLE TAG MANAGER</b>	68.0KB	0ms
• <a href="https://www.googletagmanager.com/gtm.js?id=GTM-WS9M3XC">https://www.googletagmanager.com/gtm.js?id=GTM-WS9M3XC</a>	68.0KB	0ms
<b>WP ENGINE</b>	0B	0ms

N/A

**User Timing marks and measures**

No user timings and/or marks found.