Performance Report for:

https://1859.ai/

Report generated: Mon, Mar 11, 2024 9:46 AM -0700
Test Server Location: London, UK
Using: Chrome 117.0.0.0, Lighthouse 11.0.0

	Performance	Structure	L. Contentful Paint	T. Blocking Time	C. Layout Shift
B	90%	83%	1.1s	190ms	0

Top Issues

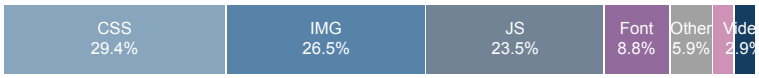
High	**Avoid enormous network payloads** LCP	Total size was 12.2MB
Med	**Use explicit width and height on image elements** CLS	4 images found
Low	**Use passive listeners to improve scrolling performance**	1 event listener not passive
Low	**Avoid long main-thread tasks** TBT	5 long tasks found
Low	**Ensure text remains visible during webfont load** FCP LCP	2 fonts found

Page Details

3.3s
Fully Loaded Time

Total Page Size - 12.2MB

Total Page Requests - 34



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.

1859

/	200	1859.ai	16.0KB	462ms
fonts.css	200	1859.ai	605B	28ms
js?id=G-09HE8BL5FD	200	googletagmanager.c…	94.0KB	108ms
style.min.css?ver=6.4.3	200	1859.ai	14.4KB	89ms
dashicons.min.css?ver=6…	200	1859.ai	34.5KB	98ms
mmenu.css?ver=3	200	1859.ai	8.29KB	82ms
bootstrap.min.css?ver=6.…	200	1859.ai	23.7KB	94ms
styles.css?ver=6.4.3	200	1859.ai	4.51KB	82ms
style.css?ver=1.0.0	200	1859.ai	187B	76ms
all.css?ver=6.4.3	200	use.fontawesome.com	13.1KB	114ms
all.css	200	use.fontawesome.com	23.0KB	134ms
v4-shims.css	200	use.fontawesome.com	4.73KB	132ms
script.min.js?ver=3.1.8	200	1859.ai	6.56KB	60ms
jquery.min.js?ver=3.7.1	200	1859.ai	30.8KB	76ms
jquery-migrate.min.js?ver…	200	1859.ai	4.96KB	82ms
mmenu.js?ver=3	200	1859.ai	20.6KB	73ms
bootstrap.bundle.min.js?…	200	1859.ai	22.8KB	93ms
logo-1859.svg	200	1859.ai	69.0KB	258ms
hero-home-poster.jpg	200	1859.ai	397KB	267ms
hero-home-bubbles.svg	200	1859.ai	1.58MB	1.7s
img-integrated-iterative-in…	200	1859.ai	3.83MB	1.7s
icn-microphone.svg	200	1859.ai	1000B	629ms
icn-user.svg	200	1859.ai	515B	668ms
icn-megaphone.svg	200	1859.ai	579B	667ms
navigation.js?ver=1.0.0	200	1859.ai	1.31KB	584ms
apercu_pro_light.woff2	200	1859.ai	26.8KB	546ms
bossa-expandedblack.woff2	200	1859.ai	25.8KB	550ms
fa-brands-400.woff2	200	use.fontawesome.com	105KB	122ms
hero-home.mp4	206	1859.ai	5.89MB	1.3s
wp-emoji-release.min.js?…	200	1859.ai	4.99KB	448ms
close.svg	200	1859.ai	874B	431ms
poweredbtcky.svg	200	1859.ai	1.54KB	433ms
site.webmanifest	200	1859.ai	766B	636ms
cropped-1859-logomark-…	200	1859.ai	1.36KB	814ms

34 Requests 12.2MB (15.3MB Uncompressed) 3.3s (Onload 2.4s)

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.

834ms

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.

2.4s

Speed Index

OK, but consider improvement

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

1.5s

Total Blocking Time

OK, but consider improvement

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

190ms

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.

1.1s

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	0ms	Connect	34ms	Backend	426ms
TTFB	460ms	First Paint	835ms	DOM Int.	1.1s
DOM Loaded	1.1s	Onload	2.4s	Fully Loaded	3.3s

IMPACT	AUDIT	
Low	**Eliminate render-blocking resources** FCP LCP	Potential savings of 31ms

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://1859.ai/wp-includes/css/dashicons.min.css?ver=6.4.3	34.5KB	450ms
https://1859.ai/wp-content/plugins/mmenu/css/mmenu.css?ver=3	8.29KB	150ms
https://1859.ai/wp-content/themes/1859v23/bootstrap/css/bootstrap.min.css?ver=6.4.3	23.7KB	150ms
https://use.fontawesome.com/releases/v5.15.3/css/all.css?ver=6.4.3	13.1KB	785ms
https://use.fontawesome.com/releases/v6.4.0/css/all.css	23.0KB	309ms
https://1859.ai/wp-content/plugins/cookie-law-info/lite/frontend/js/script.min.js?ver=3.1.8	6.56KB	150ms
https://1859.ai/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	30.8KB	450ms
https://1859.ai/wp-content/plugins/mmenu/js/mmenu.js?ver=3	20.6KB	150ms

Low	**Avoid an excessive DOM size** TBT	328 elements

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

STATISTIC	ELEMENT	VALUE
Total DOM Elements		328
Maximum DOM Depth	User `<img width="30" class="icon-news" src="https://1859.ai/wp-content/themes/1859v23/images/icons/icn-microphone.svg" alt="User">`	15
Maximum Child Elements	Home Discovery Engine Pipeline Partnerships Team News Careers Contact Us `<ul itemscope="" itemtype="http://www.schema.org/SiteNavigationElement" class="mm-listview">`	8

Low	**Efficiently encode images**	Potential savings of 250KB

Optimized images load faster and consume less cellular data.

URL	RESOURCE SIZE	POTENTIAL SAVINGS
https://1859.ai/wp-content/themes/1859v23/video/hero-home-poster.jpg	396KB	250KB

Low	**Reduce JavaScript execution time** TBT	344ms 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	678ms	143ms	0ms
https://1859.ai/	325ms	78ms	3ms
https://1859.ai/wp-includes/js/jquery/jquery.min.js?ver=3.7.1	75ms	53ms	1ms
https://www.googletagmanager.com/gtag/js?id=G-09HE8BL5FD	66ms	59ms	4ms

Low **Reduce unused CSS** FCP LCP — Potential savings of 107KB

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://1859.ai/wp-includes/css/dashicons.min.css?ver=6.4.3	34.5KB	34.5KB
https://use.fontawesome.com/releases/v6.4.0/css/all.css	23.0KB	22.8KB
https://1859.ai/wp-content/themes/1859v23/bootstrap/css/bootstrap.min.css?ver=6.4.3	23.7KB	22.4KB
https://1859.ai/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3	14.4KB	14.4KB
https://use.fontawesome.com/releases/v5.15.3/css/all.css?ver=6.4.3	13.1KB	13.0KB

Low **Serve images in next-gen formats** — Potential savings of 340KB

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://1859.ai/wp-content/themes/1859v23/video/hero-home-poster.jpg	396KB	340KB

Low **Reduce initial server response time** FCP LCP — Root document took 425ms

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

URL	TIME SPENT
https://1859.ai/	425ms

Low **Avoid chaining critical requests** FCP LCP — 17 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: **1.3s**

INITIAL NAVIGATION

- https://1859.ai/ 16.0KB, 460ms
  - https://1859.ai/wp-includes/css/dist/block-library/style.min.css?ver=6.4.3 14.4KB, 69ms
  - https://1859.ai/wp-content/themes/1859v23/style.css?ver=1.0.0 187B, 56ms
  - https://1859.ai/wp-content/themes/1859v23/bootstrap/js/bootstrap.bundle.min.js?ver=6.4.3 22.8KB, 72ms
  - https://use.fontawesome.com/releases/v6.4.0/css/v4-shims.css 4.73KB, 111ms
  - https://1859.ai/wp-content/themes/1859v23/css/styles.css?ver=6.4.3 4.51KB, 62ms
  - https://1859.ai/wp-content/plugins/cookie-law-info/lite/frontend/js/script.min.js?ver=3.1.8 6.56KB, 38ms
  - https://1859.ai/wp-content/plugins/mmenu/js/mmenu.js?ver=3 20.6KB, 51ms
  - https://1859.ai/wp-content/plugins/mmenu/css/mmenu.css?ver=3 8.29KB, 62ms
  - https://use.fontawesome.com/releases/v5.15.3/css/all.css?ver=6.4.3 13.1KB, 94ms

- https://1859.ai/wp-includes/css/dashicons.min.css?ver=6.4.3 34.5KB, 78ms
- https://1859.ai/wp-includes/js/jquery/jquery.min.js?ver=3.7.1 30.8KB, 54ms
- https://1859.ai/wp-content/themes/1859v23/js/navigation.js?ver=1.0.0 1.31KB, 428ms
- https://1859.ai/wp-content/themes/1859v23/bootstrap/css/bootstrap.min.css?ver=6.4.3 23.7KB, 74ms
- https://1859.ai/wp-includes/js/jquery/jquery-migrate.min.js?ver=3.4.1 4.96KB, 60ms
- https://use.fontawesome.com/releases/v6.4.0/css/all.css 23.0KB, 114ms
  - https://use.fontawesome.com/releases/v6.4.0/webfonts/fa-brands-400.woff2 106KB, 23ms
- https://1859.ai/wp-content/themes/1859v23/css/fonts.css 605B, 23ms
  - https://1859.ai/wp-content/themes/1859v23/fonts/apercu_pro_light.woff2 26.8KB, 445ms
  - https://1859.ai/wp-content/themes/1859v23/fonts/bossa-expandedblack.woff2 25.8KB, 450ms

Low	**Reduce unused JavaScript** LCP	Potential savings of 42.6KB

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.googletagmanager.com/gtag/js?id=G-09HE8BL5FD	94.4KB	42.6KB

N/A	**Largest Contentful Paint element** LCP	1,090 ms

This is the largest contentful element painted within the viewport.

ELEMENT

div#page > main#primary > div.video-header > video

```
<video class="" autoplay="" loop="" muted="" poster="https://1859.ai/wp-content/themes/1859v23/video/hero-home-poster.jpg">
```

PHASE	% OF LCP	TIMING
TTFB	42%	460ms
Load Delay	23%	248ms
Load Time	4%	48ms
Render Delay	30%	328ms

N/A	**Avoid large layout shifts** CLS	4 elements found

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

ELEMENT	CLS CONTRIBUTION
Home Discovery Engine Pipeline Partnerships Team News Careers Contact Us `<div class="justify-content-end text-end">`	0.00
Home Discovery Engine Pipeline Partnerships Team News Careers Contact Us `<div class="collapse navbar-collapse justify-content-end text-end" id="nav-links">`	0.00
Customize Reject All Accept All `<div class="cky-notice-btn-wrapper" data-cky-tag="notice-buttons">`	0.00
1859 logo `<a class="navbar-brand justify-content-start px-2" href="/">`	0.00

N/A **Minimize main-thread work** TBT — Main-thread busy for 1.3s

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

CATEGORY	TIME SPENT
Other	679ms
Script Evaluation	380ms
Style & Layout	117ms
Parse HTML & CSS	57ms
Rendering	16ms
Script Parsing & Compilation	13ms

N/A **Reduce the impact of third-party code** TBT — Total size was 241KB

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
FONTAWESOME CDN	147KB	0ms
• https://use.fontawesome.com/releases/v6.4.0/webfonts/fa-brands-400.woff2	106KB	0ms
• https://use.fontawesome.com/releases/v6.4.0/css/all.css	23.0KB	0ms
• https://use.fontawesome.com/releases/v5.15.3/css/all.css?ver=6.4.3	13.1KB	0ms
GOOGLE TAG MANAGER	94.4KB	0ms
• https://www.googletagmanager.com/gtag/js?id=G-09HE8BL5FD	94.4KB	0ms

N/A **Avoid serving legacy JavaScript to modern browsers** TBT

Nothing to do here, good job!

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

No user timings and/or marks found.