Performance

Values are estimated and may vary. The performance score is calculated directly from these metrics. See calculator.

▲ 0–49 50–89 90–100

METRICS

Expand view

First Contentful Paint
0.6 s

Largest Contentful Paint
0.9 s

Total Blocking Time
10 ms

Cumulative Layout Shift
0.038

Speed Index
0.6 s

View Treemap

Show audits relevant to: All FCP LCP TBT CLS

DIAGNOSTICS

▲ Eliminate render-blocking resources — Potential savings of 310 ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. Learn how to eliminate render-blocking resources. FCP LCP

URL	Transfer Size	Potential Savings
Google Fonts Cdn	**1.0 KiB**	**230 ms**
/css2?family=… (fonts.googleapis.com)	1.0 KiB	230 ms

URL	Transfer Size	Potential Savings
FontAwesome CDN [Cdn]	**5.1 KiB**	**340 ms**
/68ce082a59.js (kit.fontawesome.com)	5.1 KiB	340 ms

Preload Largest Contentful Paint image — Potential savings of 10 ms

If the LCP element is dynamically added to the page, you should preload the image in order to improve LCP. Learn more about preloading LCP elements. [LCP]

URL	Potential Savings
vercel.app [1st Party]	**10 ms**
 img	
/logo.png (hrnet-react-omega.vercel.app)	10 ms

Image elements do not have explicit `width` and `height`

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. Learn how to set image dimensions [CLS]

URL
vercel.app [1st Party]
 img
/logo.png (hrnet-react-omega.vercel.app)

Minify JavaScript — Potential savings of 72 KiB

Minifying JavaScript files can reduce payload sizes and script parse time. Learn how to minify JavaScript. [FCP] [LCP]

URL	Transfer Size	Potential Savings
`chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/react_devtools_backend_com`	168.3 KiB	72.2 KiB

URL	Transfer Size	Potential Savings
pact.js		

Serve images in next-gen formats — Potential savings of 23 KiB

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and less data consumption. Learn more about modern image formats. FCP LCP

URL	Resource Size	Potential Savings
vercel.app 1st Party	**26.3 KiB**	**22.7 KiB**
 img /logo.png (hrnet-react-omega.vercel.app)	26.3 KiB	22.7 KiB

Serve static assets with an efficient cache policy — 2 resources found

A long cache lifetime can speed up repeat visits to your page. Learn more about efficient cache policies.

URL	Cache TTL	Transfer Size
vercel.app 1st Party		**141 KiB**
…js/main.06825b65.js (hrnet-react-omega.vercel.app)	None	137 KiB
…css/main.e1442b54.css (hrnet-react-omega.vercel.app)	None	4 KiB

Reduce unused CSS — Potential savings of 19 KiB

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. Learn how to reduce unused CSS. FCP LCP

URL	Transfer Size	Potential Savings
`/*! * Font Awesome Free 6.6.0 by @fontawesome - https://fontawesome.com * License - https://fonta…`	19.0 KiB	18.9 KiB

Reduce unused JavaScript — Potential savings of 231 KiB

Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity. Learn how to reduce unused JavaScript. FCP LCP

URL	Transfer Size	Potential Savings
Unattributable	**207.1 KiB**	**142.7 KiB**
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/react_devtools_backend_compact.js	168.3 KiB	108.4 KiB
../../react-devtools-shared/src/backend/renderer.js	46.4 KiB	29.3 KiB
../../react-devtools-shared/src/backend/legacy/renderer.js	9.7 KiB	9.7 KiB
../../react-devtools-shared/src/backend/profilingHooks.js	8.2 KiB	7.8 KiB
../../../build/oss-experimental/react-debug-tools/cjs/react-debug-tools.production.js	8.1 KiB	7.6 KiB
../../react-devtools-shared/src/utils.js	7.8 KiB	6.5 KiB
chrome-extension://fmkadmapgofadopljbjfkapdkoienihi/build/renderer.js	38.8 KiB	34.2 KiB
vercel.app 1st Party	**136.7 KiB**	**87.9 KiB**
…js/main.06825b65.js (hrnet-react-omega.vercel.app)	136.7 KiB	87.9 KiB
../node_modules/react-datepicker/dist/react-datepicker.min.js	29.4 KiB	28.1 KiB
../node_modules/@floating-ui/react/dist/floating-ui.react.esm.js	15.6 KiB	15.2 KiB
../node_modules/react-dom/cjs/react-dom.production.min.js	38.2 KiB	14.3 KiB
../node_modules/@floating-ui/core/dist/floating-ui.core.mjs	3.1 KiB	3.1 KiB
../node_modules/date-fns/_lib/format/formatters.js	2.3 KiB	2.2 KiB

Avoid large layout shifts — 5 layout shifts found

These are the largest layout shifts observed on the page. Each table item represents a single layout shift, and shows the element that shifted the most. Below each item are possible root causes that led to the layout shift. Some of these layout shifts may not be included in the CLS metric value due to windowing. Learn how to improve CLS CLS

Element	Layout shift score
 div	0.027
/68ce082a59.js (kit.fontawesome.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
…css/main.e1442b54.css (hrnet-react-omega.vercel.app)	A late network request adjusted the page layout

Element	Layout shift score
 div	0.010
 img	Media element lacking an explicit size
/68ce082a59.js (kit.fontawesome.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
…css/main.e1442b54.css (hrnet-react-omega.vercel.app)	A late network request adjusted the page layout
 div.pagination	0.001
/68ce082a59.js (kit.fontawesome.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
…css/main.e1442b54.css (hrnet-react-omega.vercel.app)	A late network request adjusted the page layout
 input#search	0.000
…webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	Web font loaded
/68ce082a59.js (kit.fontawesome.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
…css/main.e1442b54.css (hrnet-react-omega.vercel.app)	A late network request adjusted the page layout
input#search	0.000
…v37/nuFiD-vYS….woff2 (fonts.gstatic.com)	Web font loaded
…webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	Web font loaded
/68ce082a59.js (kit.fontawesome.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
/css2?family=… (fonts.googleapis.com)	A late network request adjusted the page layout
…css/main.e1442b54.css (hrnet-react-omega.vercel.app)	A late network request adjusted the page layout

User Timing marks and measures — 2 user timings

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. Learn more about User Timing marks.

Name	Type	Start Time	Duration
__v3	Mark	0.00 ms	
__v3	Mark	0.00 ms	

Initial server response time was short — Root document took 30 ms

Keep the server response time for the main document short because all other requests depend on it. Learn more about the Time to First Byte metric. FCP LCP

URL	Time Spent
vercel.app 1st Party	**30 ms**
/list (hrnet-react-omega.vercel.app)	30 ms

Avoids enormous network payloads — Total size was 458 KiB

Large network payloads cost users real money and are highly correlated with long load times. Learn how to reduce payload sizes.

Show 3rd-party resources (5)

URL	Transfer Size
vercel.app 1st Party	**227.9 KiB**
…js/main.06825b65.js (hrnet-react-omega.vercel.app)	136.9 KiB
/logo192.png (hrnet-react-omega.vercel.app)	52.2 KiB
/logo.png (hrnet-react-omega.vercel.app)	26.4 KiB
/favicon.ico (hrnet-react-omega.vercel.app)	8.0 KiB
…css/main.e1442b54.css (hrnet-react-omega.vercel.app)	4.4 KiB
FontAwesome CDN Cdn	**186.7 KiB**
…webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	154.3 KiB
…css/free.min.css?token=68ce082a59 (ka-f.fontawesome.com)	22.4 KiB

URL	Transfer Size
/68ce082a59.js (kit.fontawesome.com)	5.1 KiB
…css/free-v4-shims.min.css?token=68ce082a59 (ka-f.fontawesome.com)	5.0 KiB
Google Fonts Cdn	**38.0 KiB**
…v37/nuFiD-vYS….woff2 (fonts.gstatic.com)	38.0 KiB

Avoids an excessive DOM size — 152 elements

A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows. Learn how to avoid an excessive DOM size. TBT

Statistic	Element	Value
Total DOM Elements		152
Maximum DOM Depth	span.arrow	10
Maximum Child Elements	tbody	10

Avoid chaining critical requests — 5 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. Learn how to avoid chaining critical requests.

Maximum critical path latency: **666.856 ms**

Initial Navigation

- /list (hrnet-react-omega.vercel.app)
  - /css2?family=… (fonts.googleapis.com)
    - …v37/nuFiD-vYS….woff2 (fonts.gstatic.com) **- 102.613 ms, 37.98 KiB**
  - /css2?family=… (fonts.googleapis.com) **- 95.131 ms, 0.70 KiB**
  - …css/main.e1442b54.css (hrnet-react-omega.vercel.app) **- 72.52 ms, 4.39 KiB**
  - …webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com) **- 59.728 ms, 154.27 KiB**
  - /68ce082a59.js (kit.fontawesome.com) **- 206.73 ms, 5.09 KiB**

JavaScript execution time — 0.1 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. Learn how to reduce Javascript execution time. TBT

URL	Total CPU Time	Script Evaluation	Script Parse
vercel.app 1st Party	**210 ms**	**109 ms**	**31 ms**
/list (hrnet-react-omega.vercel.app)	132 ms	52 ms	14 ms
…js/main.06825b65.js (hrnet-react-omega.vercel.app)	78 ms	57 ms	18 ms

Minimizes main-thread work — 0.3 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. Learn how to minimize main-thread work TBT

Category	Time Spent
Script Evaluation	142 ms
Other	82 ms
Script Parsing & Compilation	47 ms
Style & Layout	27 ms
Parse HTML & CSS	12 ms
Rendering	5 ms

Minimize third-party usage — Third-party code blocked the main thread for 0 ms

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. Learn how to minimize third-party impact. TBT

Third-Party	Transfer Size	Main-Thread Blocking Time
FontAwesome CDN Cdn	**189 KiB**	**0 ms**
…webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	154 KiB	0 ms
…css/free.min.css?token=68ce082a59 (ka-f.fontawesome.com)	22 KiB	0 ms
/68ce082a59.js (kit.fontawesome.com)	5 KiB	0 ms
…css/free-v4-shims.min.css?token=68ce082a59 (ka-f.fontawesome.com)	5 KiB	0 ms
…css/free-v4-font-face.min.css?token=68ce082a59 (ka-f.fontawesome.com)	1 KiB	0 ms
…css/free-v5-font-face.min.css?token=68ce082a59 (ka-	1 KiB	0 ms

Third-Party	Transfer Size	Main-Thread Blocking Time
f.fontawesome.com)		
Google Fonts Cdn	**40 KiB**	**0 ms**
…v37/nuFiD-vYS….woff2 (fonts.gstatic.com)	38 KiB	0 ms
/css2?family=… (fonts.googleapis.com)	1 KiB	0 ms
/css2?family=… (fonts.googleapis.com)	1 KiB	0 ms

Largest Contentful Paint element — 890 ms

This is the largest contentful element painted within the viewport. Learn more about the Largest Contentful Paint element LCP

Element

img

Phase	% of LCP	Timing
TTFB	19%	170 ms
Load Delay	73%	650 ms
Load Time	3%	30 ms
Render Delay	5%	50 ms

Avoid long main-thread tasks — 1 long task found

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. Learn how to avoid long main-thread tasks TBT

URL	Start Time	Duration
vercel.app 1st Party		**56 ms**
…js/main.06825b65.js (hrnet-react-omega.vercel.app)	929 ms	56 ms

More information about the performance of your application. These numbers don't directly affect the Performance score.

PASSED AUDITS (19) Hide

Properly size images

Serve images that are appropriately-sized to save cellular data and improve load time. Learn how to size images. FCP LCP

Defer offscreen images

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. Learn how to defer offscreen images. FCP LCP

Minify CSS

Minifying CSS files can reduce network payload sizes. Learn how to minify CSS. FCP LCP

Efficiently encode images

Optimized images load faster and consume less cellular data. Learn how to efficiently encode images. FCP LCP

Enable text compression

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more about text compression. FCP LCP

Preconnect to required origins

Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections to important third-party origins. Learn how to preconnect to required origins. LCP FCP

Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. Learn how to avoid page redirects. LCP FCP

Use HTTP/2

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more about HTTP/2. LCP FCP

Use video formats for animated content

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. Learn more about efficient video formats FCP LCP

Remove duplicate modules in JavaScript bundles

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity. FCP LCP

Avoid serving legacy JavaScript to modern browsers

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. Learn how to use modern JavaScript FCP LCP

All text remains visible during webfont loads

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

Lazy load third-party resources with facades

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required. Learn how to defer third-parties with a facade. TBT

Largest Contentful Paint image was not lazily loaded

Above-the-fold images that are lazily loaded render later in the page lifecycle, which can delay the largest contentful paint. Learn more about optimal lazy loading. LCP

Element	
	img

Uses passive listeners to improve scrolling performance

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

Avoids `document.write()`

For users on slow connections, external scripts dynamically injected via `document.write()` can delay page load by tens of seconds. Learn how to avoid document.write().

Avoid non-composited animations

Animations which are not composited can be janky and increase CLS. Learn how to avoid non-composited animations CLS

Has a `<meta name="viewport">` tag with `width` or `initial-scale`

A `<meta name="viewport">` not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more about using the viewport meta tag.

Page didn't prevent back/forward cache restoration

Many navigations are performed by going back to a previous page, or forwards again. The back/forward cache (bfcache) can speed up these return navigations. Learn more about the bfcache

- Captured at Aug 5, 2024, 12:47 PM GMT+2
- Initial page load
- Emulated Desktop with Lighthouse 12.0.0
- Custom throttling
- Single page session
- Using Chromium 127.0.0.0 with devtools