



Performance



Accessibility



Best Practices



SEO



Progressive Web App



0–49

50–89

90–100



## Performance

### Metrics



#### First Contentful Paint

1.2 s

First Contentful Paint marks the time at which the first text or image is painted.

[Learn more.](#)

#### Time to Interactive

1.7 s

Time to interactive is the amount of time it takes for the page to become fully interactive.

[Learn more.](#)

#### Speed Index

1.2 s

Speed Index shows how quickly the contents of a page are visibly populated.

[Learn more.](#)

#### Total Blocking Time

160 ms

Sum of all time periods between FCP and Time to Interactive, when task length exceeded 50ms, expressed in milliseconds.

[Learn more.](#)

#### Largest Contentful Paint

1.7 s

Largest Contentful Paint marks the time at which the largest text or image is painted.

[Learn more](#)

#### Cumulative Layout Shift

0

Cumulative Layout Shift measures the movement of visible elements within the viewport. [Learn more.](#)

Values are estimated and may vary. The [performance score is calculated](#) directly from these metrics. [See calculator.](#)

[View Original Trace](#)



[View Treemap](#)



Show audits relevant to: ☐ All ☒ FCP ☒ LCP ☒ TBT ☒ CLS

**Opportunities** — These suggestions can help your page load faster. They don't [directly affect](#) the Performance score.

Reduce unused JavaScript

0.44 s ▼

Minify JavaScript

0.36 s ▼

**Diagnostics** — More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

▲ Serve static assets with an efficient cache policy — 3 resources found ▼

○ Avoid chaining critical requests — 3 chains found ▼

○ User Timing marks and measures — 919 user timings ▼

○ Keep request counts low and transfer sizes small — 8 requests • 1,352 KiB ▼

○ Largest Contentful Paint element — 1 element found ▼

○ Avoid long main-thread tasks — 1 long task found ▼

Passed audits (31) ▼



## Accessibility

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

**Contrast** — These are opportunities to improve the legibility of your content.

▲ Background and foreground colors do not have a sufficient contrast ratio. ▼

**Additional items to manually check (10)** — These items address areas which an automated testing tool cannot cover. ▼

Learn more in our guide on [conducting an accessibility review](#).

Passed audits (15) ▼

Not applicable (28) ▼



## Best Practices

## Trust and Safety

○ Ensure CSP is effective against XSS attacks

Passed audits (17)

Not applicable (1)



## SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on [Core Web Vitals](#). [Learn more](#).

**Additional items to manually check (1)** — Run these additional validators on your site to check additional SEO best practices.

Passed audits (10)

Not applicable (4)



## Progressive Web App

These checks validate the aspects of a Progressive Web App. [Learn more](#).

### Installable

▲ Web app manifest or service worker do not meet the installability requirements — 1 reason

### PWA Optimized

▲ Does not register a service worker that controls page and `start_url`

○ Redirects HTTP traffic to HTTPS

Configured for a custom splash screen

Sets a theme color for the address bar.

- Content is sized correctly for the viewport ▼
  - Has a `<meta name="viewport">` tag with `width` or `initial-scale` ▼
- ▲ Does not provide a valid `apple-touch-icon` ▼
- ▲ Manifest doesn't have a maskable icon ▼

**Additional items to manually check (3)** — These checks are required by the baseline [PWA Checklist](#) but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually. ▼

#### Runtime Settings

URL	http://localhost:3000/
Fetch Time	Nov 1, 2021, 8:47 PM GMT
Device	Emulated Desktop
Network throttling	40 ms TCP RTT, 10,240 Kbps throughput (Simulated)
CPU throttling	1x slowdown (Simulated)
Channel	devtools
User agent (host)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/95.0.4638.54 Safari/537.36
User agent (network)	Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/94.0.4590.2 Safari/537.36 Chrome-Lighthouse
CPU/Memory Power	1440
Axe version	4.2.3

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