http://localhost:4200/

⋮

26	89	100	83	PWA
Performance	Accessibility	Best Practices	SEO	PWA

Performance

26

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	▲ Time to Interactive
28.5 s	**32.6 s**

▲ Speed Index	▲ Total Blocking Time
28.5 s	**770 ms**

▲ Largest Contentful Paint	Cumulative Layout Shift
31.9 s	**0.002**

View Original Trace   View Treemap

Show audits relevant to: All   FCP   TBT   LCP   CLS

OPPORTUNITIES

Opportunity	Estimated Savings

▲ Enable text compression | 22.65 s ⌄

▲ Reduce unused JavaScript | 12.9 s ⌄

▲ Minify JavaScript | 10.95 s ⌄

▲ Eliminate render-blocking resources | 2.61 s ⌄

▲ Reduce unused CSS | 1.65 s ⌄

▲ Remove duplicate modules in JavaScript bundles | 1.65 s ⌄

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

DIAGNOSTICS

▲ Serve static assets with an efficient cache policy — 8 resources found ⌄

▲ Ensure text remains visible during webfont load ⌄

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

▲ Avoid enormous network payloads — Total size was 5,786 KiB ⌄

○ Minimize main-thread work — 3.8 s ⌄

○ Reduce JavaScript execution time — 2.0 s ⌄

○ Avoid chaining critical requests — 13 chains found ⌄

○ User Timing marks and measures — 34 user timings ⌄

○ Keep request counts low and transfer sizes small — 27 requests • 5,785 KiB ⌄

○ Largest Contentful Paint element — 1 element found ⌄

○ Avoid large layout shifts — 5 elements found ⌄

○ Avoid long main-thread tasks — 10 long tasks found ⌄

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

PASSED AUDITS (22) Show

89

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.

NAMES AND LABELS

⚠ Form elements do not have associated labels ⌄

These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

CONTRAST

⚠ Background and foreground colors do not have a sufficient contrast ratio. ⌄

These are opportunities to improve the legibility of your content.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)   Show

These items address areas which an automated testing tool cannot cover. Learn more in our guide on [conducting an accessibility review](#).

PASSED AUDITS (18)   Show

NOT APPLICABLE (24)   Show

100

Best Practices

TRUST AND SAFETY

○ Ensure CSP is effective against XSS attacks ⌄

GENERAL

○ Detected JavaScript libraries ⌄

PASSED AUDITS (13)   Show

NOT APPLICABLE (1)   Show

83

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]().

CONTENT BEST PRACTICES

▲ Document does not have a meta description ⌄

Format your HTML in a way that enables crawlers to better understand your app's content.

CRAWLING AND INDEXING

▲ Links are not crawlable ⌄

To appear in search results, crawlers need access to your app.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)   Show

Run these additional validators on your site to check additional SEO best practices.

PASSED AUDITS (10)   Show

NOT APPLICABLE (2)   Show

PWA

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` ⌄

▲ Is not configured for a custom splash screen Failures: No manifest was fetched. ⌄

▲ Does not set a theme color for the address bar.
  Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

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 No manifest was fetched ⌄

ADDITIONAL ITEMS TO MANUALLY CHECK (3)   Show

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.

Captured at Jul 18, 2022, 1:58 PM GMT+5:30
Initial page load

Emulated Moto G4 with Lighthouse 9.6.1
Slow 4G throttling

Single page load

Using Chromium 103.0.0.0 with devtools

Generated by **Lighthouse** 9.6.1 | File an issue