https://psarmientom.github.io/fe-slides/demos/webP-file.html

77	97	87	90	PWA
Performance	Accessibility	Best Practices	SEO	Progressive Web App

77

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
0.8 s

● Speed Index
1.3 s

■ Largest Contentful Paint
1.7 s

● Time to Interactive
1.4 s

● Total Blocking Time
0 ms

▲ Cumulative Layout Shift
0.793

⊞ View Treemap
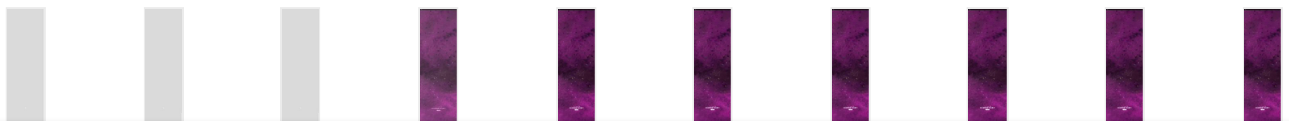
Warning: Results may not display properly. Report was created with an earlier version of Lighthouse (8.5.0). The latest version is 9.2.0.

OPPORTUNITIES

Opportunity	Estimated Savings
🟧 Serve images in next-gen formats	▭▭▭ 0.68 s ⌄

These suggestions can help your page load faster. They don't **directly affect** the Performance score.

DIAGNOSTICS

🔺 Ensure text remains visible during webfont load ⌄

🔺 Does not use passive listeners to improve scrolling performance ⌄

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

🔺 Serve static assets with an efficient cache policy — 55 resources found ⌄

⭕ Avoid chaining critical requests — 35 chains found ⌄

⭕ Keep request counts low and transfer sizes small — 81 requests • 2,435 KiB ⌄

⭕ Largest Contentful Paint element — 1 element found ⌄

⭕ Avoid large layout shifts — 5 elements found ⌄

⭕ Avoid long main-thread tasks — 1 long task found ⌄

⭕ Avoid non-composited animations — 65 animated elements found ⌄

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

PASSED AUDITS (28)   Show

Warning: Results may not display properly. Report was created with an earlier version of Lighthouse (8.5.0). The latest version is 9.2.0.
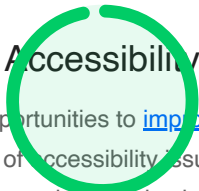
Accessibility

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

🔺   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 (25)   Show

87

Best Practices

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○ Ensure CSP is effective against XSS attacks   ⌄

GENERAL

▲ Browser errors were logged to the console   ⌄

○ Detected JavaScript libraries   ⌄

PASSED AUDITS (14)   Show

NOT APPLICABLE (1)   Show

90

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 Description text is empty.   ⌄

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

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

PASSED AUDITS (9)   Show

NOT APPLICABLE (4)   Show

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   ⌄

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

   Does not set a theme color for the address bar.
▲   ⌄

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

● Provides 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 Jan 22, 2022, 10:07 PM   🖥 Emulated Desktop with Lighthouse   ⚬⚬ Single page load
   EST   8.5.0

⏱ Initial page load   📶 Custom throttling   ◉ Using Chromium 97.0.4692.99 with
                                                                                              devtools

Generated by **Lighthouse** 8.5.0 I File an issue

Warning: Results may not display properly. Report was created with an earlier version of Lighthouse (8.5.0). The latest version is 9.2.0.