



Performance Accessibility Best Practices SEO PWA



### Performance

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

▲ 0-49 ■ 50-89 ● 90-100



METRICS Expand view

- ▲ First Contentful Paint
  - 5.2 s
- Total Blocking Time
  - 240 ms
- ▲ Speed Index

67.9 s

- Largest Contentful Paint
  - 12.5 s
- Cumulative Layout Shift

0.138

## View Treemap





























Show audits relevant to: All FCP LCP TBT CLS

#### **OPPORTUNITIES**

Opportunity	Estimated Savings
▲ Properly size images	435.25s ×
▲ Serve images in next-gen formats	428.53s ×
▲ Eliminate render-blocking resources	ı 3.35s v
▲ Efficiently encode images	ı 2.13s v
Reduce unused JavaScript	□ 0.82s ∨
Reduce unused CSS	0.33s v

These suggestions can help your page load faster. They don't <u>directly affect</u> the Performance score.

## **DIAGNOSTICS**

	Avoid enormous network payloads — Total size was 89,573 KiB	~
<b>A</b>	Serve static assets with an efficient cache policy — 70 resources found	~
<b>A</b>	Ensure text remains visible during webfont load	~
<b>A</b>	Reduce the impact of third-party code — Third-party code blocked the main thread for 430 ms	~
<b>A</b>	Does not use passive listeners to improve scrolling performance	~
<b>A</b>	Image elements do not have explicit width and height	~
<b>A</b>	Minimize main-thread work — 7.3 s	~
0	Avoid chaining critical requests — 58 chains found	~

Keep request counts low and transfer sizes small — 100 requests • 89,573 KiB











Avoid large layout shifts — 5 elements found

Avoid long main-thread tasks — 20 long tasks found

Avoid non-composited animations — 46 animated elements found

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

PASSED AUDITS (19) Show



# 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



## Links do not have a discernible name

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.

#### NAVIGATION



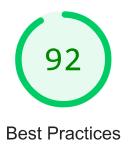
Heading elements are not in a sequentially-descending order

These are opportunities to improve keyboard navigation in your application.

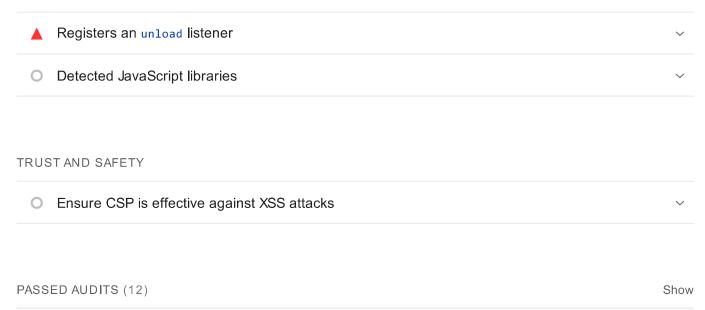


accessibility review.

PASSED AUDITS (19) Show NOT APPLICABLE (27) Show



### **GENERAL**



NOT APPLICABLE (1) Show













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 <a href="Core Web Vitals">Core Web Vitals</a>. Learn more about Google Search Essentials.

#### MOBILE FRIENDLY

Tap targets are not sized appropriately — 69% appropriately sized tap targets

~

Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. <u>Learn</u> how to make pages mobile-friendly.

ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Show

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

PASSED AUDITS (13)

Show













### **PWA**

These checks validate the aspects of a Progressive Web App. Learn what makes a good Progressive Web App.

+	INSTALLABLE	
<b>A</b>	Web app manifest or service worker do not meet the installability requirements — 1 reason	~
	PWA OPTIMIZED	
<b>A</b>	Does not register a service worker that controls page and start_url	~
<b>A</b>	Is not configured for a custom splash screen Failures: No manifest was fetched.	~
<b>A</b>	Does not set a theme color for the address bar.  Failures: No manifest was fetched, No ` <meta name="theme-color"/> ` tag found.	~
<b>A</b>	Content is not sized correctly for the viewport  The viewport size of 544px does not match the window size of 412px.	~
•	Has a <meta name="viewport"/> tag with width or initial-scale	~
<b>A</b>	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 <u>PWAChecklist</u> 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 24, 2023, 4:16 PM

Emulated Desktop with Lighthouse

Single page load











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