





Best Practices Accessibility







PWA



### Performance

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

▲ 0-49

50-89

90-100



### METRICS

- First Contentful Paint
  - 0.8 s
- Total Blocking Time
  - 180 ms
- Speed Index
  - 2.0 s

### Expand view

- ▲ Largest Contentful Paint
  - 3.2 s
- Cumulative Layout Shift
  - 0.045



Show audits relevant to: All FCP LCP TBT CLS

#### DIAGNOSTICS

▲ Serve static assets with an efficient cache policy — 17 resources found  ▲ Image elements do not have explicit width and height	~ ~
▲ Image elements do not have explicit width and height	
	~
▲ Avoid an excessive DOM size — 2,582 elements	
▲ Properly size images — Potential savings of 1,745 KiB	~
Reduce unused JavaScript — Potential savings of 331 KiB	~
■ Eliminate render-blocking resources — Potential savings of 410 ms	~
■ Minimize main-thread work — 2.8 s	~
Reduce unused CSS — Potential savings of 89 KiB	~
Serve images in next-gen formats — Potential savings of 277 KiB	~
O Avoid chaining critical requests — 11 chains found	~
O User Timing marks and measures — 1 user timing	~
O Largest Contentful Paint element — 3,170 ms	~

### PASSED AUDITS (21)

•	Defer offscreen images
•	Minify CSS
•	Minify JavaScript
•	Efficiently encode images
•	Enable text compression — Potential savings of 38 KiB
•	Preconnect to required origins
•	Initial server response time was short — Root document took 430 ms
•	Avoid multiple page redirects
0	Preload key requests
•	Use video formats for animated content
•	Remove duplicate modules in JavaScript bundles
•	Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB
•	Preload Largest Contentful Paint image
•	JavaScript execution time — 1.2 s
•	All text remains visible during webfont loads



## Accessibility

These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so manual testing is also encouraged.

#### AUDIO AND VIDEO

<video> elements contain a <track/> element with [kind="captions"]</video>	~
These are opportunities to provide alternative content for audio and video. This may improve the experience for users with hearing or vision impairments.	
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 (23)	Show
NOT APPLICABLE (36)	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.

#### CONTENT BEST PRACTICES

▲ Document does not have a meta description	~
▲ Links do not have descriptive text — 9 links found	~
Format your HTML in a way that enables crawlers to better understand your app's content.	
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



GEN	ERAL
<b>A</b>	Browser errors were logged to the console
0	Detected JavaScript libraries
TRU	ST AND SAFETY
0	Ensure CSP is effective against XSS attacks
PAS	SED AUDITS (12)
NOT	APPLICABLE (1)



# **PWA**

These checks validate the aspects of a Progressive Web App. <u>Learn what</u>

<u>makes a good Progressive Web App.</u>

ADDITI	ONAL ITEMS TO MANUALLY CHECK (3)	Show
<u> </u>	Manifest doesn't have a maskable icon	~
• 1	Has a <meta name="viewport"/> tag With width or initial-scale	~
0 (	Content is sized correctly for the viewport	~
• 5	Sets a theme color for the address bar.	~
▲ I	s not configured for a custom splash screen Failures: Manifest does not have a PNG icon of at least 512px.	~
	PWA OPTIMIZED	
	web app manifest and service worker meet the installability requirements	
_ \	Neb app manifest and service worker meet the installability requirements	~