





Accessibility

**Best Practices** 







**PWA** 



# Performance

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



0-49



90-100



METRICS

▲ First Contentful Paint

 $3.7 \, s$ 

▲ Total Blocking Time

610 ms

Speed Index

7.8 s

Largest Contentful Paint

7.3 s

Cumulative Layout Shift

0.036



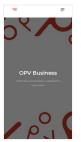


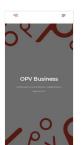












Expand view

Show audits relevant to: All FCP LCP TBT CLS

**Estimated Savings** 

3.15s V

# **OPPORTUNITIES**

Opportunity

Eliminate render-blocking resources

1.35s V

Reduce initial server response time

Reduce unused JavaScript





Serve images in next-gen formats		0.45s 🗸
Reduce unused CSS	-	0.30s 🗸
Minify JavaScript	-	0.15s 🗸

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

## DIAGNOSTICS

▲ Ensure text remains visible during webfont load	~
▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 1,100 ms	~
▲ Does not use passive listeners to improve scrolling performance	~
▲ Image elements do not have explicit width and height	~
■ Minimize main-thread work − 3.1 s	~
■ Reduce JavaScript execution time − 2.2 s	~
<ul> <li>Serve static assets with an efficient cache policy — 31 resources found</li> </ul>	~
O Avoid chaining critical requests — 38 chains found	~
○ Keep request counts low and transfer sizes small − 56 requests • 902 KiB	~
○ Largest Contentful Paint element — 1 element found	~
Avoid large layout shifts - 4 elements found	~
O Avoid long main-thread tasks — 10 long tasks found	~

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

PASSED AUDITS (20) Show



#### **BEST PRACTICES**

 ▲ [user-scalable="no"] is used in the <meta name="viewport"> element or the [maximum-scale] attribute is less than 5.

 These items highlight common accessibility best practices.

CONTRAST

 A Background and foreground colors do not have a sufficient contrast ratio.
 ✓

 These are opportunities to improve the legibility of your content.
 ✓

 NAVIGATION
 ✓

 A Heading elements have a [tabindex] value greater than 0
 ✓

 A Heading elements are not in a sequentially-descending order
 ✓

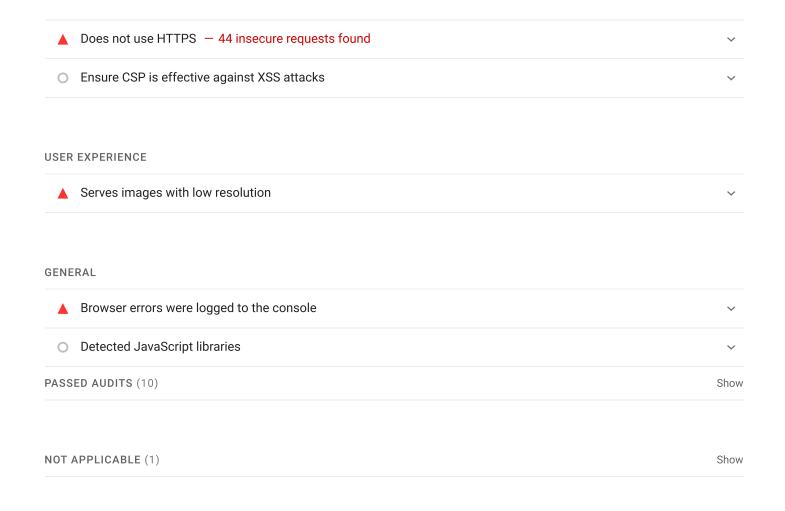
 These are opportunities to improve keyboard navigation in your application.
 ADDITIONAL ITEMS TO MANUALLY CHECK (10)
 Show

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

PASSED AUDITS (15) Show

NOT APPLICABLE (25) 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



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 (13) Show



# **PWA**

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

<b>(</b>	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.	~
•	Content is sized correctly for the viewport	~
•	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	~
ADDI	TIONAL ITEMS TO MANUALLY CHECK (3)	Show
	e checks are required by the baseline <u>PWA Checklist</u> but are not automatically checked by Lighthouse. They do not affect your scor rtant that you verify them manually.	e but it's
_	Captured at May 30, 2023, 12:07 AM Emulated Desktop with Lighthouse 10.2.0 Single page load	

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Tinitial page load

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Accessibility



**Best Practices** 



SE<sub>0</sub>



**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





**METRICS** Expand view

First Contentful Paint

 $3.7 \, s$ 

Total Blocking Time

480 ms

Speed Index

7.0 s

Largest Contentful Paint

 $9.6 \, s$ 

Cumulative Layout Shift

0.013

















Show audits relevant to: All FCP LCP TBT CLS



**Estimated Savings** 

### **OPPORTUNITIES**

Opportunity Eliminate render-blocking resources

2.55s V

Serve images in next-gen formats

Reduce unused JavaScript





3.24s V

▲ Reduce initial server response time		0.53s 🗸
Reduce unused CSS	_	0.30s 🗸

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

#### DIAGNOSTICS

▲ Ensure text remains visible during webfont load	~
▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 1,040 ms	~
■ Minimize main-thread work − 2.8 s	~
■ Reduce JavaScript execution time − 2.0 s	~
■ Serve static assets with an efficient cache policy — 38 resources found	~
O Avoid chaining critical requests — 36 chains found	~
○ Keep request counts low and transfer sizes small − 57 requests • 959 KiB	~
○ Largest Contentful Paint element — 1 element found	~
O Avoid large layout shifts — 3 elements found	~
O Avoid long main-thread tasks — 8 long tasks found	~

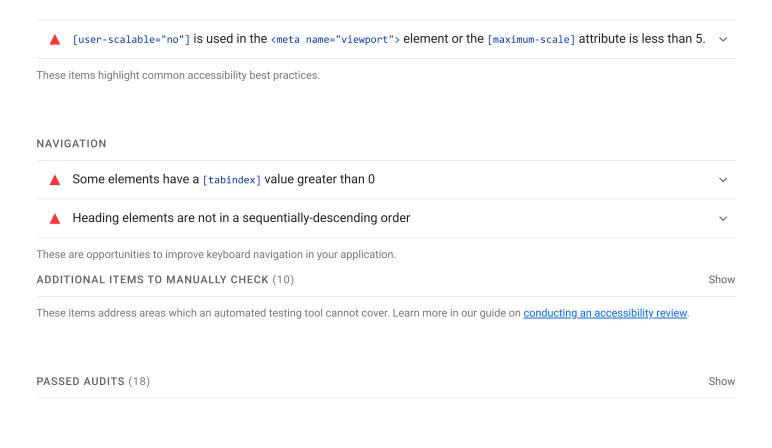
More information about the performance of your application. These numbers don't <u>directly affect</u> the Performance score.

PASSED AUDITS (23) Show



# 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.

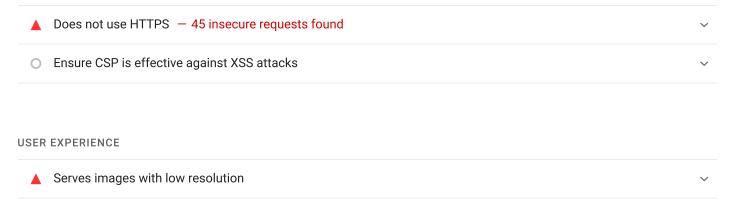


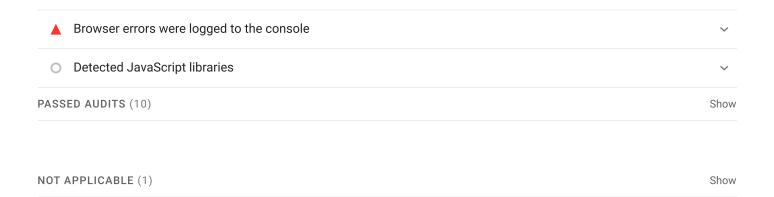


Show

#### TRUST AND SAFETY

**NOT APPLICABLE (23)** 



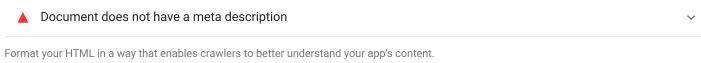




These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on <a href="Core Web Vitals">Core Web Vitals</a>. <a href="Learn more about Google Search Essentials">Learn more about Google Search Essentials</a>.

# CONTENT BEST PRACTICES

PASSED AUDITS (13)



# ADDITIONAL ITEMS TO MANUALLY CHECK (1) Run these additional validators on your site to check additional SEO best practices.

Show



# These checks validate the aspects of a Progressive Web App. Learn what $\underline{ \text{makes a good Progressive Web App}}.$

(+) INSTALLABLE		
▲ Web app manifest or service work	er do not meet the installability requirements	s – 1 reason v
★ PWA OPTIMIZED		
▲ Does not register a service worker	that controls page and start_url	~
▲ Is not configured for a custom spla	ash screen Failures: No manifest was fetche	ed.
Does not set a theme color for the Failures: No manifest was fetched	address bar. d, No ` <meta name="theme-color"/> ` tag foun	d.
Content is sized correctly for the v	iewport	~
Has a <meta name="viewport"/> tag v	With width Or initial-scale	~
▲ Manifest doesn't have a maskable	icon No manifest was fetched	~
ADDITIONAL ITEMS TO MANUALLY CHECK	K (3)	Show
These checks are required by the baseline PWA important that you verify them manually.	<u>Checklist</u> but are not automatically checked by Ligh	nthouse. They do not affect your score but it's
	<b>□</b> Emulated Desktop with Lighthouse 10.2.0	Single page load
Ō Initial page load	7 Unknown	© Using HeadlessChromium 113.0.5672.126 with Ir

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Accessibility

**Best Practices** 







**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



90-100



METRICS Expand view

▲ First Contentful Paint

3.7 s

**Total Blocking Time** 

490 ms

Speed Index

7.1 s

Largest Contentful Paint

10.7 s

Cumulative Layout Shift

0.003

















Show audits relevant to: All FCP LCP TBT CLS

**Estimated Savings** 

3.23s V

### **OPPORTUNITIES**

Opportunity

Eliminate render-blocking resources

Reduce unused JavaScript

Preload Largest Contentful Paint image

2.40s V

1.23s 🗸



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

#### DIAGNOSTICS

▲ Ensure text remains visible during webfont load	~
▲ Reduce the impact of third-party code — Third-party code blocked the main thread for 1,030 ms	~
■ Minimize main-thread work − 2.9 s	~
■ Reduce JavaScript execution time − 2.0 s	~
O Avoid chaining critical requests — 39 chains found	~
○ Keep request counts low and transfer sizes small − 70 requests • 1,119 KiB	~
○ Largest Contentful Paint element − 1 element found	~
O Avoid large layout shifts - 2 elements found	~
O Avoid long main-thread tasks — 8 long tasks found	~

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

PASSED AUDITS (24) Show



# **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.

#### **BEST PRACTICES**

▲ [user-scalable="no"] is used in the <meta name="viewport"> element or the [maximum-scale] attribute is less than 5. ∨

These items highlight common accessibility best practices.

#### CONTRAST

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

These are opportunities to improve the legibility of your content.

#### **NAVIGATION**

▲ Some elements have a [tabindex] value greater than 0 ∨

These are opportunities to improve keyboard navigation in your application.

Heading elements are not in a sequentially-descending order

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.

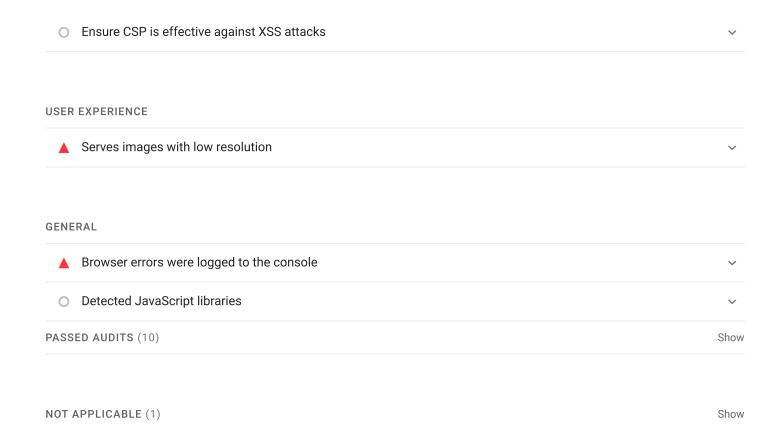
PASSED AUDITS (17) Show

NOT APPLICABLE (22) Show



# **Best Practices**

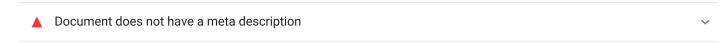
#### TRUST AND SAFETY





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# CONTENT BEST PRACTICES



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 (13) Show



# PWA

+ INSTALLABLE		
▲ Web app manifest or service w	vorker do not meet the installability requirements	s - 1 reason v
PWA OPTIMIZED		
▲ Does not register a service wo	rker that controls page and start_url	~
▲ Is not configured for a custom	splash screen Failures: No manifest was fetche	ed. ×
Does not set a theme color for	the address bar.	~
Failures: No manifest was feto	ched, No ` <meta name="theme-color"/> ` tag four	
<ul> <li>Content is sized correctly for the</li> </ul>	he viewport	~
● Has a <meta name="viewport"/> 1	tag with width or initial-scale	~
▲ Manifest doesn't have a maska	able icon No manifest was fetched	~
ADDITIONAL ITEMS TO MANUALLY CH	HECK (3)	Show
These checks are required by the baseline I important that you verify them manually.	PWA Checklist but are not automatically checked by Lig	hthouse. They do not affect your score but it's
Captured at May 30, 2023, 12:12 AM GMT+2	Emulated Desktop with Lighthouse 10.2.0	Single page load
Ō Initial page load	<b>→</b> Unknown	© Using HeadlessChromium 113.0.5672.12

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