



96

Performance

Accessibility

**Best Practices**  **SEO** 



# Performance

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

50-89 90-100 0-49



**METRICS** 

First Contentful Paint

0.5 s

Total Blocking Time

10 ms

Speed Index

0.5 s

Largest Contentful Paint

0.6 s

Cumulative Layout Shift

0

View Treemap

			Curre	nt Employ	rees				Current	Employe	es			Cu	rrent Em	ployees				Current	Employ	ees				Current	Employ	ees				Current	Employe	ees				Curren	ıt Em
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Ara	Marino	2024-1941	Sales	2000-16-05	Sprace St	Ara	Mariner	2024-01-01	Sales	1998-1946	Tes Sprace St	Ara	Marinor 2034-0	idi Salos	1996	785 10-66 Sprace 5:	Ara	Marinor	2024-1941	Sales	2990-16-06	Sprace St	Ara	Mariner	2024-19-61	Sales	1998-1946	Sprace Sprace	Are	Mariner	3134-114-01	Sales	1998-1946	Sprace Sprace	Are	Mariner	2024-19-01	Sales	
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Haper	Value	2024-19-21	Sales	1987-18-22	125 Willow	Haper	Nike	2024-09-20	Seles	1987-10-22	123 Willow	Haper	Nation 2024-0	121 Sales	1985	10-22 Willow	Haper	Value	2024-19-21	Seles	1987-16-22	125 Willow	Haper	Nike	2034-09-20	Sales	1967-10-22	123 Willow	Heper	Nation	204-0-20	Sales	1987-10-22	123 Willow	Haper	Nation	2034-01-20	Seles	

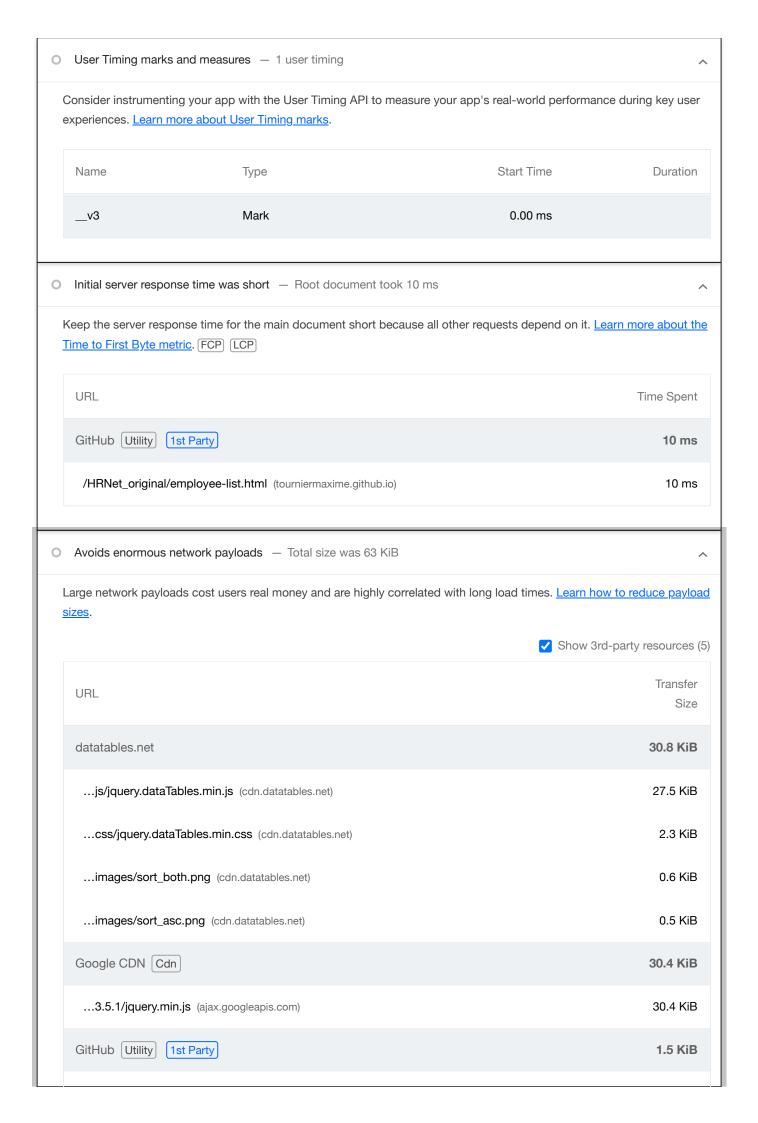
Show audits relevant to: All FCP LCP TBT



Expand view

Eliminate render-blocking resources — Potential savings of 240 ms Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. Learn how to eliminate render-blocking resources. FCP LCP Transfer Potential URL Size Savings Google CDN [Cdn] 30.4 KiB 250 ms 30.4 KiB 250 ms ...3.5.1/jquery.min.js (ajax.googleapis.com) datatables.net 29.8 KiB 310 ms 27.5 KiB 80 ms ...js/jquery.dataTables.min.js (cdn.datatables.net) ...css/jquery.dataTables.min.css (cdn.datatables.net) 2.3 KiB 230 ms Page prevented back/forward cache restoration — 1 failure reason Many navigations are performed by going back to a previous page, or forwards again. The back/forward cache (bfcache) can speed up these return navigations. Learn more about the bfcache Failure reason Failure type Pages that use WebAuthentication API are not eligible for back/forward cache. Pending browser support /HRNet\_original/employee-list.html (tourniermaxime.github.io) Does not have a <meta name="viewport"> tag with width or initial-scale No `<meta name="viewport"> tag found A <meta name="viewport"> not only optimizes your app for mobile screen sizes, but also prevents a 300 millisecond delay to user input. Learn more about using the viewport meta tag. Minify JavaScript — Potential savings of 86 KiB Minifying JavaScript files can reduce payload sizes and script parse time. Learn how to minify JavaScript. FCP LCP Transfer Potential URL Size Savings chrome-extension://eimadpbcbfnmbkopoojfekhnkhdbieeh/inject/index.js 93.6 KiB 38.6 KiB chrome-extension://nngceckbapebfimnlniiiahkandclblb/content/bootstrap-32.4 KiB 15.4 KiB autofill.js

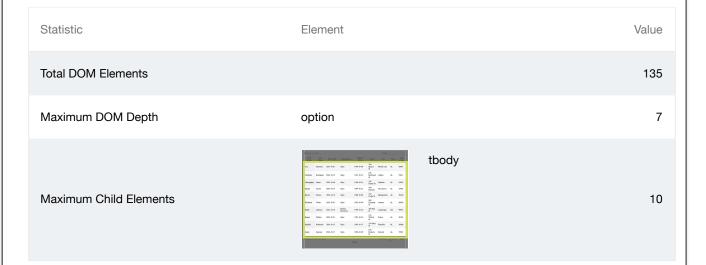
	URL	Transfer Size	Potential Savings
	<pre>chrome- extension://nngceckbapebfimnlniiiahkandclblb/content/notificationBar.js</pre>	18.7 KiB	11.6 KiB
	chrome-extension://cjpalhdlnbpafiamejdnhcphjbkeiagm/js/contentscript.js	14.7 KiB	7.7 KiB
	<pre>chrome-extension://nngceckbapebfimnlniiiahkandclblb/content/fido2-content- script.js</pre>	7.8 KiB	3.7 KiB
	<pre>chrome-extension://nngceckbapebfimnlniiiahkandclblb/content/fido2-page- script.js</pre>	8.5 KiB	3.6 KiB
	<pre>chrome-extension://eimadpbcbfnmbkopoojfekhnkhdbieeh/inject/proxy.js</pre>	7.4 KiB	2.9 KiB
	<pre>chrome-extension://mdjbgnpehbhpibonmjjjbjaoechnlcaf/content-scripts/link- detector.js</pre>	7.8 KiB	2.8 KiB
	Serve static assets with an efficient cache policy — 2 resources found  A long cache lifetime can speed up repeat visits to your page. Learn more about efficient cache	che policies.	^
	URL	Cache TTL	Transfer Size
	GitHub Utility 1st Party		1 KiB
	/HRNet_original/employee-list.js (tourniermaxime.github.io)	10m	0 KiB
	/HRNet_original/app.css (tourniermaxime.github.io)	10m	0 KiB
	Reduce unused JavaScript — Potential savings of 114 KiB		^
F			^
F	Reduce unused JavaScript — Potential savings of 114 KiB  Reduce unused JavaScript and defer loading scripts until they are required to decrease byte		^
F	Reduce unused JavaScript — Potential savings of 114 KiB  Reduce unused JavaScript and defer loading scripts until they are required to decrease byte activity. Learn how to reduce unused JavaScript. FCP LCP	s consumed by r Transfer	network  Potential



URL	Transfer Size
/HRNet_original/employee-list.html (tourniermaxime.github.io)	0.6 KiB
/HRNet_original/employee-list.js (tourniermaxime.github.io)	0.5 KiB
/HRNet_original/app.css (tourniermaxime.github.io)	0.4 KiB

O Avoids an excessive DOM size — 135 elements

A large DOM will increase memory usage, cause longer <u>style calculations</u>, and produce costly <u>layout reflows</u>. <u>Learn how to avoid an excessive DOM size</u>. [TBT]



O Avoid chaining critical requests — 5 chains found

The Critical Request Chains below show you what resources are loaded with a high priority. Consider reducing the length of chains, reducing the download size of resources, or deferring the download of unnecessary resources to improve page load. <u>Learn how to avoid chaining critical requests</u>.

Maximum critical path latency: 118.932 ms

Initial Navigation

/HRNet\_original/employee-list.html (tourniermaxime.github.io)

...css/jquery.dataTables.min.css (cdn.datatables.net) - 50.707 ms, 2.32 KiB

/HRNet\_original/app.css (tourniermaxime.github.io) - 25.469 ms, 0.38 KiB

...3.5.1/jquery.min.js (ajax.googleapis.com) - 26.345 ms, 30.37 KiB

...js/jquery.dataTables.min.js (cdn.datatables.net) - 52.4 ms, 27.46 KiB

/HRNet\_original/employee-list.js (tourniermaxime.github.io) - 25.408 ms, 0.46 KiB

○ JavaScript execution time — 0.2 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn how to reduce Javascript execution time</u>. TBT

✓ Show 3rd-party resources (1)

URL	Total CPU Time	Script Evaluation	Script Parse
Google CDN Cdn	160 ms	111 ms	2 ms
3.5.1/jquery.min.js (ajax.googleapis.com)	160 ms	111 ms	2 ms
GitHub Utility 1st Party	95 ms	33 ms	33 ms
/HRNet_original/employee-list.html (tourniermaxime.github.io)	95 ms	33 ms	33 ms
Unattributable	61 ms	2 ms	0 ms
Unattributable	61 ms	2 ms	0 ms

○ Minimizes main-thread work − 0.4 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this. Learn how to minimize main-thread work [TBT]

Category	Time Spent
Script Evaluation	179 ms
Other	98 ms
Script Parsing & Compilation	52 ms
Style & Layout	26 ms
Parse HTML & CSS	24 ms
Rendering	3 ms

O Minimize third-party usage — Third-party code blocked the main thread for 30 ms

Third-party code can significantly impact load performance. Limit the number of redundant third-party providers and try to load third-party code after your page has primarily finished loading. <u>Learn how to minimize third-party impact</u>. (TBT)

Third-Party	Transfer Size	Main-Thread Blocking Time
Google CDN Cdn	30 KiB	32 ms
3.5.1/jquery.min.js (ajax.googleapis.com)	30 KiB	32 ms
datatables.net	31 KiB	0 ms
js/jquery.dataTables.min.js (cdn.datatables.net)	27 KiB	0 ms
css/jquery.dataTables.min.css (cdn.datatables.net)	2 KiB	0 ms
images/sort_both.png (cdn.datatables.net)	1 KiB	0 ms
images/sort_asc.png (cdn.datatables.net)	0 KiB	0 ms

## ○ Largest Contentful Paint element − 570 ms

This is the largest contentful element painted within the viewport. <u>Learn more about the Largest Contentful Paint element</u> [LCP]

## Element



h1

Phase	% of LCP	Timing
TTFB	30%	170 ms
Load Delay	0%	0 ms
Load Time	0%	0 ms
Render Delay	70%	400 ms

○ Avoid long main-thread tasks — 2 long tasks found

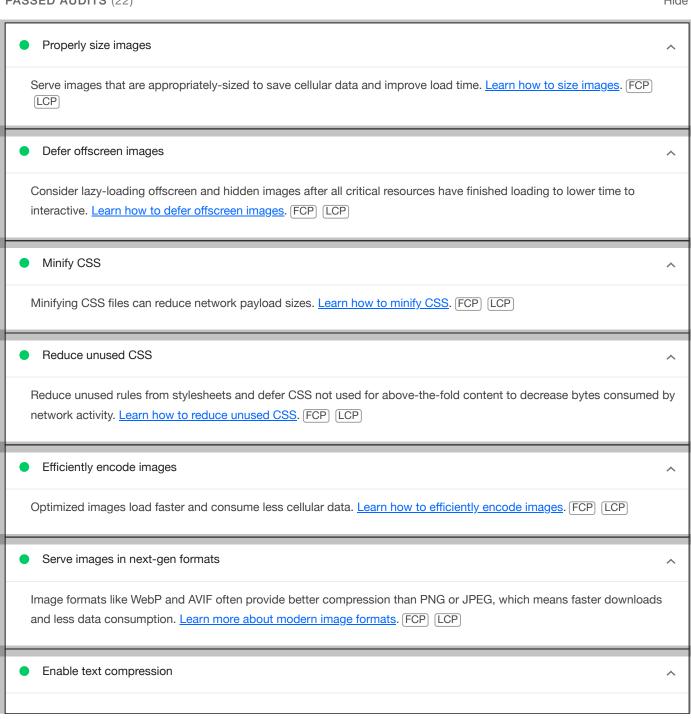
Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. <u>Learn how to avoid long main-thread tasks</u> (TBT)

✓ Show 3rd-party resources (1)

URL	Start Time	Duration
GitHub Utility 1st Party		62 ms
/HRNet_original/employee-list.html (tourniermaxime.github.io)	233 ms	62 ms
Google CDN Cdn		62 ms
3.5.1/jquery.min.js (ajax.googleapis.com)	536 ms	62 ms

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

PASSED AUDITS (22) Hide



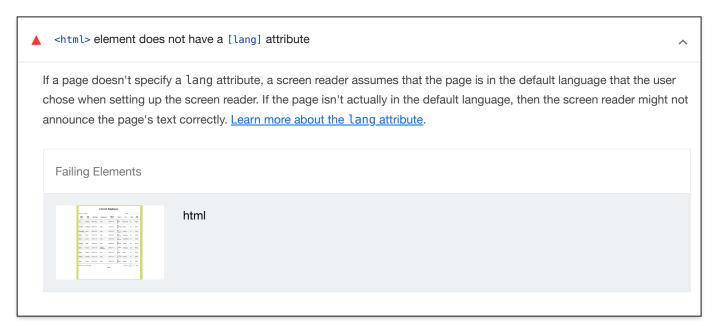
Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. <u>Learn more about text compression</u> . FCP <u>LCP</u>	
Preconnect to required origins	^
Consider adding preconnect or dns-prefetch resource hints to establish early connections to important third-party origins. Learn how to preconnect to required origins. LCP FCP	,
Avoid multiple page redirects	^
Redirects introduce additional delays before the page can be loaded. <u>Learn how to avoid page redirects</u> . <u>LCP</u> <u>FCP</u>	
Use HTTP/2	^
HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more about HTTP/2. LCP FCP	9
Use video formats for animated content	^
Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM videos for animations and PNG/WebP for static images instead of GIF to save network bytes. Learn more about efficient video formats FCP LCP	)
Remove duplicate modules in JavaScript bundles	^
Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity.  FCP LCP	
Avoid serving legacy JavaScript to modern browsers	^
Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy using module/nomodule feature detection to reduce the amount of code shipped to modern browsers, while retaining support for legacy browse Learn how to use modern JavaScript FCP LCP	rs.
Preload Largest Contentful Paint image	^
If the LCP element is dynamically added to the page, you should preload the image in order to improve LCP. Learn more about preloading LCP elements. [LCP]	<u>e</u>
All text remains visible during webfont loads	^
Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. Learn more about font-display.	
Lazy load third-party resources with facades	^

Some third-party embeds can be lazy loaded. Consider replacing them with a facade until they are required. Learn how to defer third-parties with a facade. [TBT] Largest Contentful Paint image was not lazily loaded Above-the-fold images that are lazily loaded render later in the page lifecycle, which can delay the largest contentful paint. Learn more about optimal lazy loading. LCP Avoid large layout shifts These are the largest layout shifts observed on the page. Each table item represents a single layout shift, and shows the element that shifted the most. Below each item are possible root causes that led to the layout shift. Some of these layout shifts may not be included in the CLS metric value due to windowing. Learn how to improve CLS CLS Uses passive listeners to improve scrolling performance Consider marking your touch and wheel event listeners as passive to improve your page's scroll performance. Learn more about adopting passive event listeners. Avoids document.write() For users on slow connections, external scripts dynamically injected via document.write() can delay page load by tens of seconds. Learn how to avoid document.write(). Avoid non-composited animations Animations which are not composited can be janky and increase CLS. Learn how to avoid non-composited animations CLS Image elements have explicit width and height Set an explicit width and height on image elements to reduce layout shifts and improve CLS. Learn how to set image dimensions (CLS)



# **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.



These are opportunities to improve the interpretation of your content by users in different locales.

## ADDITIONAL ITEMS TO MANUALLY CHECK (10)

Hide

 Interactive controls are keyboard focusable Custom interactive controls are keyboard focusable and display a focus indicator. Learn how to make custom controls focusable. Interactive elements indicate their purpose and state Interactive elements, such as links and buttons, should indicate their state and be distinguishable from non-interactive elements. Learn how to decorate interactive elements with affordance hints. The page has a logical tab order Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more about logical tab ordering. Visual order on the page follows DOM order DOM order matches the visual order, improving navigation for assistive technology. Learn more about DOM and visual ordering. User focus is not accidentally trapped in a region A user can tab into and out of any control or region without accidentally trapping their focus. Learn how to avoid focus traps. The user's focus is directed to new content added to the page

If new content, such as a dialog, is added to the page, the user's focus is directed to it. Learn how to direct focus to ne content.	<u>w</u>
HTML5 landmark elements are used to improve navigation	^
Landmark elements ( <main>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive technology. Learn more about landmark elements.</nav></main>	
Offscreen content is hidden from assistive technology	^
Offscreen content is hidden with display: none or aria-hidden=true. Learn how to properly hide offscreen content.	
Custom controls have associated labels	^
Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. <u>Learn more about custom</u> <u>controls and labels</u> .	
Custom controls have ARIA roles	^
Custom interactive controls have appropriate ARIA roles. Learn how to add roles to custom controls.	
These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an access review.	<u>ibility</u>
PASSED AUDITS (22)	Hide

[aria-\*] attributes match their roles
 Each ARIA role supports a specific subset of aria-\* attributes. Mismatching these invalidates the aria-\* attributes. Learn how to match ARIA attributes to their roles.
 [aria-hidden="true"] is not present on the document <body>
 Assistive technologies, like screen readers, work inconsistently when aria-hidden="true" is set on the document <body>. Learn how aria-hidden affects the document body.

 [role]s have all required [aria-\*] attributes
 Some ARIA roles have required attributes that describe the state of the element to screen readers. Learn more about roles and required attributes.
 Elements with an ARIA [role] that require children to contain a specific [role] have all required children.

Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more

about roles and required children elements.

[role]s are contained by their required parent element
Some ARIA child roles must be contained by specific parent roles to properly perform their intended accessibility functions. <u>Learn more about ARIA roles and required parent element.</u>
• [aria-*] attributes have valid values
Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. Learn more about valid values for ARIA attributes.
• [aria-*] attributes are valid and not misspelled
Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more about valid ARIA attributes.
ARIA attributes are used as specified for the element's role
Some ARIA attributes are only allowed on an element under certain conditions. Learn more about conditional ARIA attributes.
Elements use only permitted ARIA attributes
Using ARIA attributes in roles where they are prohibited can mean that important information is not communicated to users of assistive technologies. Learn more about prohibited ARIA roles.
• [role] values are valid
ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more about valid ARIA roles.
Background and foreground colors have a sufficient contrast ratio
Low-contrast text is difficult or impossible for many users to read. Learn how to provide sufficient color contrast.
Document has a <title> element&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. Learn more about document titles.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Form elements have associated labels&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more about form element labels.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Links have a discernible name&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>

Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. Learn how to make links accessible. Select elements have associated label elements. Form elements without effective labels can create frustrating experiences for screen reader users. Learn more about the select element. No element has a [tabindex] value greater than 0 A value greater than 0 implies an explicit navigation ordering. Although technically valid, this often creates frustrating experiences for users who rely on assistive technologies. Learn more about the tabindex attribute. Touch targets have sufficient size and spacing. Touch targets with sufficient size and spacing help users who may have difficulty targeting small controls to activate the targets. Learn more about touch targets. Cells in a element that use the [headers] attribute refer to table cells within the same table. Screen readers have features to make navigating tables easier. Ensuring cells using the [headers] attribute only refer to other cells in the same table may improve the experience for screen reader users. Learn more about the headers attribute. Heading elements appear in a sequentially-descending order Properly ordered headings that do not skip levels convey the semantic structure of the page, making it easier to navigate and understand when using assistive technologies. Learn more about heading order. Uses ARIA roles only on compatible elements Many HTML elements can only be assigned certain ARIA roles. Using ARIA roles where they are not allowed can interfere with the accessibility of the web page. Learn more about ARIA roles. Deprecated ARIA roles were not used Deprecated ARIA roles may not be processed correctly by assistive technology. Learn more about deprecated ARIA roles. Tables have different content in the summary attribute and <caption>.  $\wedge$ The summary attribute should describe the table structure, while <caption> should have the onscreen title. Accurate table mark-up helps users of screen readers. Learn more about summary and caption.

NOT APPLICABLE (34)

O [accesskey] values are unique	
Access keys let users quickly focus a part of the page. For proper navigation, each access key must be unique. Learn more about access keys.	
O button, link, and menuitem elements have accessible names	
When an element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to make command elements more accessible.	
Elements with role="dialog" or role="alertdialog" have accessible names.	
ARIA dialog elements without accessible names may prevent screen readers users from discerning the purpose of these elements. Learn how to make ARIA dialog elements more accessible.	
O [aria-hidden="true"] elements do not contain focusable descendents	
Focusable descendents within an [aria-hidden="true"] element prevent those interactive elements from being available to users of assistive technologies like screen readers. Learn how aria-hidden affects focusable elements.	
ARIA input fields have accessible names	
When an input field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more about input field labels.	
ARIA meter elements have accessible names	
When a meter element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to name meter elements.	
ARIA progressbar elements have accessible names	
When a progressbar element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn how to label progressbar elements.	
Elements with the role=text attribute do not have focusable descendents.	
Adding role=text around a text node split by markup enables VoiceOver to treat it as one phrase, but the element's focusable descendents will not be announced. Learn more about the role=text attribute.	
ARIA toggle fields have accessible names	
When a toggle field doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. Learn more about toggle fields.	

	^
When a tooltip element doesn't have an accessible name, screen readers announce it with a generic name, making it unusable for users who rely on screen readers. <u>Learn how to name tooltip elements</u> .	
ARIA treeitem elements have accessible names	^
When a treeitem element doesn't have an accessible name, screen readers announce it with a generic name, making unusable for users who rely on screen readers. <u>Learn more about labeling treeitem elements</u> .	it
O Buttons have an accessible name	^
When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. Learn how to make buttons more accessible.	
The page contains a heading, skip link, or landmark region	^
Adding ways to bypass repetitive content lets keyboard users navigate the page more efficiently. Learn more about byp blocks.	<u>ass</u>
<dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div> elements.</td><td>^</td></tr><tr><td>When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. <u>Learn ho</u> to structure definition lists correctly.</td><td><u>w</u></td></tr><tr><td></td><td></td></tr><tr><td>O Definition list items are wrapped in <dl> elements</td><td>^</td></tr><tr><td>O Definition list items are wrapped in <dl> elements  Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers can properly announce them. Learn how to structure definition lists correctly.</td><td>^</td></tr><tr><td>Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers can</td><td>^</td></tr><tr><td>Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers can properly announce them. Learn how to structure definition lists correctly.</td><td>^ arn</td></tr><tr><td>Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers can properly announce them. Learn how to structure definition lists correctly.  O ARIA IDs are unique  The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Le</td><td>^ arn</td></tr><tr><td>Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers can properly announce them. Learn how to structure definition lists correctly.  ARIA IDs are unique  The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Le how to fix duplicate ARIA IDs.</td><td>^ arn</td></tr><tr><td>Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers can properly announce them. Learn how to structure definition lists correctly.  O ARIA IDs are unique  The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Le how to fix duplicate ARIA IDs.  O No form fields have multiple labels  Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use</td><td>^ arn</td></tr><tr><td>Definition list items (<dt> and <dd>) must be wrapped in a parent <dl> element to ensure that screen readers can properly announce them. Learn how to structure definition lists correctly.  O ARIA IDs are unique  The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Learn how to fix duplicate ARIA IDs.  O No form fields have multiple labels  Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use either the first, the last, or all of the labels. Learn how to use form labels.</td><td>^ arn</td></tr></tbody></table></script></dd></dt></dl>	

Specifying a valid BCP 47 language helps screen readers announce text properly. Learn how to use the lang attribute.
O <html> element has an [xml:lang] attribute with the same base language as the [lang] attribute.</html>
If the webpage does not specify a consistent language, then the screen reader might not announce the page's text correctly. Learn more about the lang attribute.
O Image elements have [alt] attributes
Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more about the alt attribute.
O Image elements do not have [alt] attributes that are redundant text.
Informative elements should aim for short, descriptive alternative text. Alternative text that is exactly the same as the text adjacent to the link or image is potentially confusing for screen reader users, because the text will be read twice. <a href="Learn more about the alt attribute">Learn more about the alt attribute</a> .
O Input buttons have discernible text.
Adding discernable and accessible text to input buttons may help screen reader users understand the purpose of the input button. Learn more about input buttons.
O <input type="image"/> elements have [alt] text
When an image is being used as an <input/> button, providing alternative text can help screen reader users understand the purpose of the button. Learn about input image alt text.
Links are distinguishable without relying on color.
Low-contrast text is difficult or impossible for many users to read. Link text that is discernible improves the experience for users with low vision. Learn how to make links distinguishable.
O Lists contain only <li>elements and script supporting elements (<script> and <template>).</td></tr><tr><td>Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. <u>Learn</u> more about proper list structure.</td></tr><tr><td>O List items (<li>) are contained within <ul>, <ol> or <menu> parent elements</td></tr><tr><td>Screen readers require list items (<li>) to be contained within a parent <ul>, <ol> or <menu> to be announced properly.</li> </ol> Learn more about proper list structure.</td></tr><tr><td>O The document does not use <meta http-equiv="refresh"></td></tr><tr><td></td></tr></tbody></table></script></li>

Γ

Users do not expect a page to refresh automatically, and doing so will move focus back to the top of the page. This may create a frustrating or confusing experience. Learn more about the refresh meta tag. [user-scalable="no"] is not used in the <meta name="viewport"> element and the [maximum-scale] attribute is not 0 less than 5. Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. Learn more about the viewport meta tag. <object> elements have alternate text Screen readers cannot translate non-text content. Adding alternate text to <object> elements helps screen readers convey meaning to users. Learn more about alt text for object elements. Skip links are focusable. ^ Including a skip link can help users skip to the main content to save time. Learn more about skip links. elements and elements with [role="columnheader"/"rowheader"] have data cells they describe. Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells may improve the experience for screen reader users. Learn more about table headers. [lang] attributes have a valid value Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by a screen reader. <u>Learn</u> how to use the lang attribute. <video> elements contain a <track> element with [kind="captions"] When a video provides a caption it is easier for deaf and hearing impaired users to access its information. Learn more about video captions.



# **Best Practices**

## USER EXPERIENCE

Does not have a <meta name="viewport"> tag with width or initial-scale No `<meta name="viewport"> tag found 🔍

A <meta name="viewport"> not only optimizes your app for mobile screen sizes, but also prevents <u>a 300 millisecond</u> <u>delay to user input</u>. <u>Learn more about using the viewport meta tag</u>.

#### BROWSER COMPATIBILITY

A Page lacks the HTML doctype, thus triggering quirks-mode Document must contain a doctype

Specifying a doctype prevents the browser from switching to quirks-mode. Learn more about the doctype declaration.

#### TRUST AND SAFETY

O Ensure CSP is effective against XSS attacks

A strong Content Security Policy (CSP) significantly reduces the risk of cross-site scripting (XSS) attacks. Learn how to use a CSP to prevent XSS

Description

Directive

Severity

No CSP found in enforcement mode

High

## GENERAL

O Detected JavaScript libraries

All front-end JavaScript libraries detected on the page. Learn more about this JavaScript library detection diagnostic audit.

Name

Version

jQuery

3.5.1

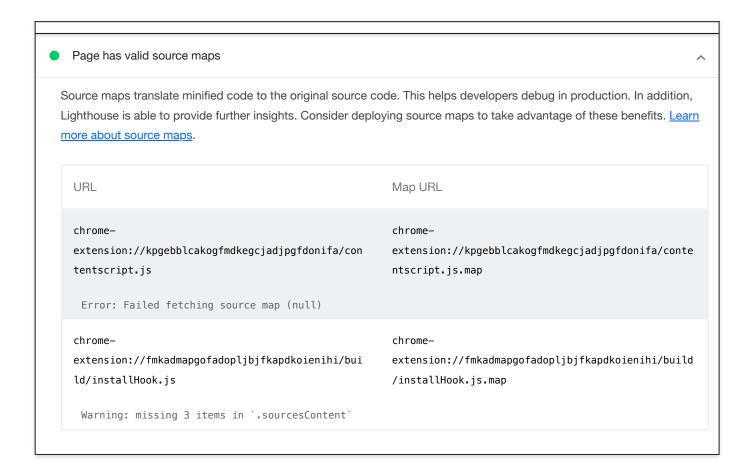
PASSED AUDITS (12) Hide

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding mixed content, where some resources are loaded over HTTP despite the initial request being served over HTTPS. HTTPS prevents intruders from tampering with or passively listening in on the communications between your app and your users, and is a prerequisite for HTTP/2 and many new web platform APIs. Learn more about HTTPS.

Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. Learn more about deprecated APIs.	
Avoids third-party cookies	`
Support for third-party cookies will be removed in a future version of Chrome. Learn more about phasing out third-party cookies.	
Allows users to paste into input fields	\
Preventing input pasting is a bad practice for the UX, and weakens security by blocking password managers. Learn more about user-friendly input fields.	
Avoids requesting the geolocation permission on page load	_
Users are mistrustful of or confused by sites that request their location without context. Consider tying the request to a user action instead. Learn more about the geolocation permission.	
Avoids requesting the notification permission on page load	`
Users are mistrustful of or confused by sites that request to send notifications without context. Consider tying the request to user gestures instead. Learn more about responsibly getting permission for notifications.	
Displays images with correct aspect ratio	^
Image display dimensions should match natural aspect ratio. <u>Learn more about image aspect ratio</u> .	
Serves images with appropriate resolution	`
Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. <u>Learn</u> <u>how to provide responsive images</u> .	
Properly defines charset	_
A character encoding declaration is required. It can be done with a <meta/> tag in the first 1024 bytes of the HTML or in th Content-Type HTTP response header. Learn more about declaring the character encoding.	е
No browser errors logged to the console	`
Errors logged to the console indicate unresolved problems. They can come from network request failures and other browser concerns. Learn more about this errors in console diagnostic audit	
No issues in the Issues panel in Chrome Devtools	`
Issues logged to the Issues panel in Chrome Devtools indicate unresolved problems. They can come from network request failures, insufficient security controls, and other browser concerns. Open up the Issues panel in Chrome DevTools for more details on each issue.	



NOT APPLICABLE (2) Hide

O Redirects HTTP traffic to HTTPS

Make sure that you redirect all HTTP traffic to HTTPS in order to enable secure web features for all your users. Learn more.

O Document uses legible font sizes

Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. Strive to have >60% of page text ≥12px. Learn more about legible font sizes.



#### 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 about Google Search Essentials.

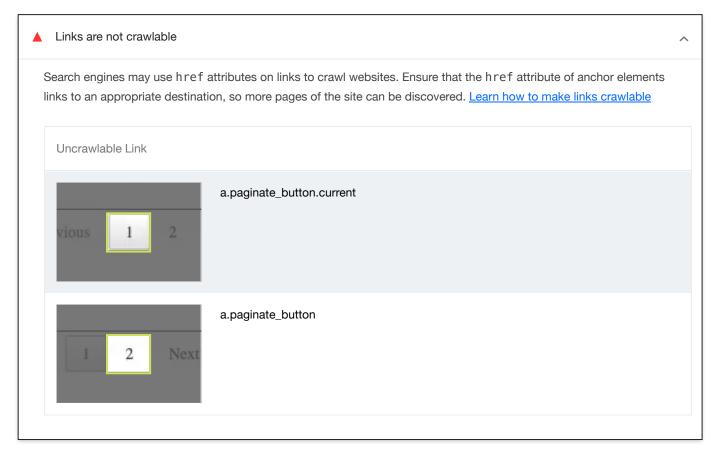
### CONTENT BEST PRACTICES

Document does not have a meta description

Meta descriptions may be included in search results to concisely summarize page content. <u>Learn more about the meta description</u>.

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

#### CRAWLING AND INDEXING



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

## ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Structured data is valid

Hide

Run the <u>Structured Data Testing Tool</u> and the <u>Structured Data Linter</u> to validate structured data. <u>Learn more about Structured Data</u>.

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

## PASSED AUDITS (5) Hide

Page isn't blocked from indexing
 Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more about crawler directives.
 Document has a <title> element

The title gives screen reader users an overview of the page, and search engine users rely on it heavily to determine if a page is relevant to their search. Learn more about document titles.	
Page has successful HTTP status code	^
Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more about HTTP status codes.	
Links have descriptive text	>
Descriptive link text helps search engines understand your content. <u>Learn how to make links more accessible</u> .	
Document has a valid hreflang	>
hreflang links tell search engines what version of a page they should list in search results for a given language or region. <u>Learn more about hreflang.</u>	
NOT APPLICABLE (3)	Hide

o robots.txt is valid

If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed. Learn more about robots.txt.

Image elements have [alt] attributes

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more about the alt attribute.

Document has a valid rel=canonical

Canonical links suggest which URL to show in search results. Learn more about canonical links.

Captured at Oct 9, 2024, 10:22

Emulated Desktop with

Lighthouse 12.1.0

Initial page load

Custom throttling

Using Chromium 128.0.0.0

with devtools

Generated by Lighthouse 12.1.0 | File an issue