

**Practices** 

87

# Performance

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

▲ 0-49 50-89 90-100



METRICS Expand view

First Contentful Paint

1.9 s

Largest Contentful Paint

2.9 s

**Total Blocking Time** 

40 ms

**Cumulative Layout Shift** 

0.158

Speed Index

1.9 s



















Later this year, insights will replace performance audits. Learn more and provide feedback

here.

Try insights

Show audits relevant to: All FCP LCP TBT CLS

## **DIAGNOSTICS**

▲ Avoid large layout shifts — 1 layout shift found

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 <u>windowing</u>. <u>Learn how to improve CLS</u> <u>CLS</u>

Element Layout shift score

div.site-header-text

0.158

▲ Largest Contentful Paint element — 2,900 ms

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

Element	
	div.container-fluid.index-header

Phase	% of LCP	Timing
TTFB	22%	650 ms
Load Delay	56%	1,630 ms
Load Time	15%	430 ms
Render Delay	7%	190 ms

▲ Properly size images — Est savings of 26 KiB

Serve images that are appropriately-sized to save cellular data and improve load time. <u>Learn how to size images</u>. FCP <u>LCP</u>

A

Consider using the BreakpointObserver utility in the Component Dev Kit (CDK) to manage image breakpoints. <u>Learn more</u>.

	URL	Resource Size	Est Savings
aucoeurdeslilas.com 1st Party		38.6 KiB	25.6 KiB
img.logo	/images/Logo.webp (aucoeurdeslilas.com)	38.6 KiB	25.6 KiB

▲ Eliminate render-blocking resources — Est savings of 100 ms

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. <u>Learn how to eliminate render-blocking resources</u>. FCP LCP

URL	Transfer Size	Est Savings
aucoeurdeslilas.com 1st Party	33.2 KiB	300 ms

URL	Transfer Size	Est Savings
/styles-45XASVF2.css (aucoeurdeslilas.com)	33.2 KiB	300 ms

Image elements do not have explicit width and height

Set an explicit width and height on image elements to reduce layout shifts and improve CLS. <u>Learn how to set image</u> <u>dimensions</u> (CLS)



Minify JavaScript — Est savings of 95 KiB

Minifying JavaScript files can reduce payload sizes and script parse time. Learn how to minify JavaScript. FCP LCP

	Transfer	Est
URL	Size	Savings
<pre>chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/vendor/@eyeo/webext-ad- filtering-solution/content.js</pre>	93.5 KiB	76.1 KiB
chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/polyfill.js	10.6 KiB	5.7 KiB
chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/bypass.preload.js	11.0 KiB	5.6 KiB
<pre>chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/cookie-banner- detection.preload.js</pre>	9.9 KiB	5.3 KiB
chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/composer.preload.js	7.2 KiB	2.1 KiB

Remove duplicate modules in JavaScript bundles — Est savings of 21 KiB

Source	Transfer Size	Est Savings
node_modules/webextension-polyfill		20 KiB
chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/polyfill.js	10 KiB	
chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/bypass.preload.js	10 KiB	
<pre>chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/cookie-banner- detection.preload.js</pre>	10 KiB	
chrome-extension://cfhdojbkjhnklbpkdaibdccddilifddb/onpage-dialog-ui.preload.js	10 KiB	

# O Avoid long main-thread tasks — 4 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)

URL	Start Time	Duration
aucoeurdeslilas.com (1st Party)		284 ms
/accueil (aucoeurdeslilas.com)	842 ms	112 ms
/chunk-M6DNFT6K.js (aucoeurdeslilas.com)	1,695 ms	97 ms
/accueil (aucoeurdeslilas.com)	1,845 ms	75 ms
Unattributable		76 ms
Unattributable	961 ms	76 ms

# O User Timing marks and measures — 41 user timings

Consider instrumenting your app with the User Timing API to measure your app's real-world performance during key user experiences. <u>Learn more about User Timing marks</u>.

Name	Туре	Start Time	Duration
Zone	Measure	253.27 ms	0.24 ms
Zone:ZoneAwarePromise	Measure	253.63 ms	0.44 ms
Zone:toString	Measure	254.11 ms	0.06 ms
Zone:util	Measure	254.22 ms	0.39 ms

Name	Туре	Start Time	Duration
Zone:legacy	Measure	254.70 ms	0.03 ms
Zone:timers	Measure	254.74 ms	0.15 ms
Zone:requestAnimationFrame	Measure	254.95 ms	0.06 ms
Zone:blocking	Measure	255.01 ms	0.07 ms
Zone:EventTarget	Measure	255.09 ms	0.41 ms
Zone:MutationObserver	Measure	255.51 ms	0.13 ms
Zone:IntersectionObserver	Measure	255.66 ms	0.10 ms
Zone:FileReader	Measure	255.78 ms	0.10 ms
Zone:on_property	Measure	255.89 ms	15.32 ms
Zone:customElements	Measure	271.22 ms	0.16 ms
Zone:XHR	Measure	271.39 ms	0.20 ms
Zone:geolocation	Measure	271.61 ms	0.10 ms
Zone:PromiseRejectionEvent	Measure	271.72 ms	0.06 ms
Zone:queueMicrotask	Measure	271.80 ms	0.05 ms
Zone	Mark	253.27 ms	
Zone:ZoneAwarePromise	Mark	253.63 ms	
Zone:toString	Mark	254.11 ms	
Zone:util	Mark	254.22 ms	
Zone:legacy	Mark	254.70 ms	
Zone:timers	Mark	254.74 ms	
Zone:requestAnimationFrame	Mark	254.95 ms	
Zone:blocking	Mark	255.01 ms	

Name	Туре	Start Time	Duration
Zone:EventTarget	Mark	255.09 ms	
Zone:MutationObserver	Mark	255.51 ms	
Zone:IntersectionObserver	Mark	255.66 ms	
Zone:FileReader	Mark	255.78 ms	
Zone:on_property	Mark	255.89 ms	
Zone:customElements	Mark	271.22 ms	
Zone:XHR	Mark	271.39 ms	
Zone:geolocation	Mark	271.61 ms	
Zone:PromiseRejectionEvent	Mark	271.72 ms	
Zone:queueMicrotask	Mark	271.80 ms	
mark_feature_usage	Mark	294.17 ms	
mark_feature_usage	Mark	295.78 ms	
mark_feature_usage	Mark	297.22 ms	
mark_feature_usage	Mark	415.75 ms	
mark_feature_usage	Mark	431.83 ms	

Avoid chaining critical requests — 10 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. Learn how to avoid chaining critical requests.

^

Maximum critical path latency: 553.06 ms

Initial Navigation

/accueil (aucoeurdeslilas.com)

/styles-45XASVF2.css (aucoeurdeslilas.com)

/fonts/funnel-display-v1-latin-regular.woff2 (aucoeurdeslilas.com) - 30.755 ms, 11.31 KiB

/fonts/tangerine-v17-latin-700.woff2 (aucoeurdeslilas.com) - 67.618 ms, 25.25 KiB

/polyfills-FFHMD2TL.js (aucoeurdeslilas.com) - 131.812 ms, 13.18 KiB

```
/chunk-JOQ4TB4K.js (aucoeurdeslilas.com) - 37.294 ms, 10.14 KiB
                          /chunk-K7XMTNIV.js (aucoeurdeslilas.com) - 43.603 ms, 5.18 KiB
                          /chunk-LUN24ENI.js (aucoeurdeslilas.com) - 41.984 ms, 1.32 KiB
                          /chunk-OIBDWSUS.js (aucoeurdeslilas.com) - 40.08 ms, 1.16 KiB
                          /chunk-UI64NUAZ.js (aucoeurdeslilas.com) - 78.474 ms, 2.23 KiB
                          /chunk-ZKI6ZXET.js (aucoeurdeslilas.com) - 77.894 ms, 1.13 KiB
                          /chunk-6LTRI5CG.js (aucoeurdeslilas.com) - 77.621 ms, 2.98 KiB
More information about the performance of your application. These numbers don't directly affect the Performance score.
PASSED AUDITS (28)
                                                                                                                            Hide
       Defer offscreen images
    Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to
    interactive. Learn how to defer offscreen images. FCP [LCP]
       Minify CSS
    Minifying CSS files can reduce network payload sizes. Learn how to minify CSS. FCP LCP
       Reduce unused CSS
     Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by
    network activity. Learn how to reduce unused CSS. FCP LCP
       Reduce unused JavaScript
     Reduce unused JavaScript and defer loading scripts until they are required to decrease bytes consumed by network activity.
    Learn how to reduce unused JavaScript. (FCP) [LCP]
            If you are using Angular CLI, include source maps in your production build to inspect your bundles. Learn more.
       Efficiently encode images
    Optimized images load faster and consume less cellular data. Learn how to efficiently encode images. FCP [LCP]
       Serve images in next-gen formats
```

Image formats like WebP and AVIF often provide better compression than PNG or JPEG, which means faster downloads and

less data consumption. Learn more about modern image formats. FCP LCP

/main-6S3OR27Q.js (aucoeurdeslilas.com)

/chunk-I4MBFL4Y.js (aucoeurdeslilas.com)

Enable text compression	^
Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. <u>Least about text compression</u> . FCP LCP	rn more
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	/
Initial server response time was short — Root document took 30 ms	^
Keep the server response time for the main document short because all other requests depend on it. <u>Learn more about 100 Time to First Byte metric.</u> FCP <u>LCP</u>	ut the
URL Time S	Spent
aucoeurdeslilas.com (1st Party)	0 ms
/accueil (aucoeurdeslilas.com)	30 ms
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. <u>Learn more about HTTP/2</u> . <u>LC</u>	P.
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 LCF	9
Avoid serving legacy JavaScript to modern browsers	^
Polyfills and transforms enable legacy browsers to use new JavaScript features. However, many aren't necessary for m browsers. Consider modifying your JavaScript build process to not transpile <u>Baseline</u> features, unless you know you m support legacy browsers. <u>Learn why most sites can deploy ES6+ code without transpiling FCP LCP</u>	
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. <u>Learn mo</u>	<u>ore</u>

Avoids enormous network payloads — Total size was 1,201 KiB

Large network payloads cost users real money and are highly correlated with long load times. <u>Learn how to reduce payload sizes</u>.



Apply <u>route-level code splitting</u> to minimize the size of your JavaScript bundles. Also, consider precaching assets with the <u>Angular service worker</u>.

URL	Transfer Size
aucoeurdeslilas.com 1st Party	1,078.9 KiB
pageAccueil/ms6-head-image-lilas-en-fleur.webp (aucoeurdeslilas.com)	575.1 KiB
pageAccueil/header-bg-image.webp (aucoeurdeslilas.com)	113.1 KiB
pageAccueil/ms2-masseuse.webp (aucoeurdeslilas.com)	106.1 KiB
pageAccueil/huiledemassage.webp (aucoeurdeslilas.com)	79.9 KiB
/chunk-BXIT6JF7.js (aucoeurdeslilas.com)	47.3 KiB
/images/Logo.webp (aucoeurdeslilas.com)	39.6 KiB
pageAccueil/ms2-massage.webp (aucoeurdeslilas.com)	34.7 KiB
/styles-45XASVF2.css (aucoeurdeslilas.com)	33.2 KiB
/fonts/tangerine-v17-latin-700.woff2 (aucoeurdeslilas.com)	25.2 KiB
/chunk-M6DNFT6K.js (aucoeurdeslilas.com)	24.7 KiB

Uses efficient cache policy on static assets  $\,$  — 0 resources found

A long cache lifetime can speed up repeat visits to your page. Learn more about efficient cache policies.

Avoids an excessive DOM size — 304 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>. <u>TBT</u>



Consider virtual scrolling with the Component Dev Kit (CDK) if very large lists are being rendered. Learn more.

Statistic	Element	Value
Total DOM Elements		304
Maximum DOM Depth	path	19
Maximum Child Elements	main	9

JavaScript execution time — 0.4 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>. <u>TBT</u>

URL	Total CPU Time	Script Evaluation	Script Parse
aucoeurdeslilas.com 1st Party	629 ms	215 ms	76 ms
/accueil (aucoeurdeslilas.com)	447 ms	117 ms	75 ms
/chunk-M6DNFT6K.js (aucoeurdeslilas.com)	183 ms	98 ms	0 ms
Unattributable	404 ms	111 ms	0 ms
Unattributable	404 ms	111 ms	0 ms

Minimizes main-thread work  $\,-\,$  1.1 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
Other	411 ms
Script Evaluation	361 ms
Style & Layout	171 ms
Script Parsing & Compilation	78 ms
Rendering	42 ms

Category	Time Spent
Parse HTML & CSS	26 ms
Garbage Collection	12 ms
All text remains visible during webfont loads	^
Leverage the font-display CSS feature to ensure text is user-visible while webfonts are I display.	oading. <u>Learn more about font-</u>
Minimize third-party usage	^
Third-party code can significantly impact load performance. Limit the number of redundar load third-party code after your page has primarily finished loading. <u>Learn how to minimize</u>	
Lazy load third-party resources with facades	^
Some third-party embeds can be lazy loaded. Consider replacing them with a facade until defer third-parties with a facade. TBT	they are required. <u>Learn how to</u>
Largest Contentful Paint image was not lazily loaded	^
Above-the-fold images that are lazily loaded render later in the page lifecycle, which can calculate the lazily loading. LCP	delay the largest contentful paint.
Element	
div.container-fluid.index-header	
Uses passive listeners to improve scrolling performance	^
Consider marking your touch and wheel event listeners as passive to improve your page about adopting passive event listeners.	's scroll performance. <u>Learn more</u>
Avoids document.write()	^
For users on slow connections, external scripts dynamically injected via document.write( seconds. Learn how to avoid document.write().	) can delay page load by tens of

Animations which are not composited can be janky and increase CLS. Learn how to avoid non-composited animations CLS

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

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.

Page didn't prevent back/forward cache restoration

Anny 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



# Accessibility

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

# ADDITIONAL ITEMS TO MANUALLY CHECK (10) 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

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. <u>Learn how to direct focus to new content</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 technolo Learn more about landmark elements.</nav></main>	gy.
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 controls and labels</u> .	
Custom controls have ARIA roles	^
Custom interactive controls have appropriate ARIA roles. <u>Learn how to add roles to custom controls</u> .	
These items address areas which an automated testing tool cannot cover. Learn more in our guide on conducting an accessibit review.	<u>ility</u>
PASSED AUDITS (18)	Hide
[aria-*] attributes match their roles	^
Each ARIA role supports a specific subset of aria-* attributes. Mismatching these invalidates the aria-* attributes. Lean how to match ARIA attributes to their roles.	<u>arn</u>
[aria-hidden="true"] is not present on the document <body></body>	^
Assistive technologies, like screen readers, work inconsistently when aria-hidden="true" is set on the document <body< td=""><td>y&gt;.</td></body<>	y>.

ordering.

[aria-*] attributes have valid values	^
Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. <u>Learn more about valid values</u> for ARIA attributes.	<u>ies</u>
[aria-*] attributes are valid and not misspelled	^
Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. <u>Learn more about valid ARI attributes</u> .	<u>A</u>
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 we rely on screen readers. <u>Learn how to make buttons more accessible</u> .	ho
Image elements have [alt] attributes	^
Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty attribute. Learn more about the alt attribute.	alt
[user-scalable="no"] is not used in the <meta name="viewport"/> element and the [maximum-scale] attribute is not less than 5.	^
Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents a web page. <u>Learn more about the viewport meta tag.</u>	s of
ARIA attributes are used as specified for the element's role	^
Some ARIA attributes are only allowed on an element under certain conditions. <u>Learn more about conditional ARIA attributes</u> .	
Elements use only permitted ARIA attributes	^
Using ARIA attributes in roles where they are prohibited can mean that important information is not communicated to use of assistive technologies. <u>Learn more about prohibited ARIA roles</u> .	sers
Background and foreground colors have a sufficient contrast ratio	^
Low-contrast text is difficult or impossible for many users to read. <u>Learn how to provide sufficient color contrast</u> .	
Document has a <title> element&lt;/td&gt;&lt;td&gt;^&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 pair is relevant to their search. &lt;u&gt;Learn more about document titles&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;age&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>	

If a page doesn't specify a lang attribute, a screen reader assumes that the page is in the default language that the user chose when setting up the screen reader. If the page isn't actually in the default language, then the screen reader might not announce the page's text correctly. <u>Learn more about the lang attribute</u>.

<html> element has a valid value for its [lang] attribute

Specifying a valid <u>BCP 47 language</u> helps screen readers announce text properly. <u>Learn how to use the lang attribute</u>.

Links have a discernible name

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. <u>Learn how to make links accessible</u>.

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. <u>Learn more about the tabindex attribute</u>.

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. <u>Learn more about touch targets</u>.

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. <u>Learn more about heading order</u>.

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. <u>Learn more about the alt attribute</u>.

NOT APPLICABLE (39) Hide

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. <u>Learn more about access keys</u>.

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.	
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 users who rely on screen readers. <u>Learn how to make command elements more accessible</u> .	for
O Deprecated ARIA roles were not used	^
Deprecated ARIA roles may not be processed correctly by assistive technology. <u>Learn more about deprecated ARIA roles</u>	e.
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 availate to users of assistive technologies like screen readers. <u>Learn how aria-hidden affects focusable elements</u> .	ible
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 unusab for users who rely on screen readers. <u>Learn more about input field labels</u> .	le
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. <u>Learn how to name meter elements</u> .	
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 unusable for users who rely on screen readers. <u>Learn how to label progressbar elements</u> .	g it
O [role]s have all required [aria-*] attributes	^
Some ARIA roles have required attributes that describe the state of the element to screen readers. <u>Learn more about role and required attributes</u> .	<u>es</u>

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. <u>Learn more abroles and required children elements</u> .	out
O [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 function Learn more about ARIA roles and required parent element.	ns.
O [role] values are valid	^
ARIA roles must have valid values in order to perform their intended accessibility functions. <u>Learn more about valid ARIA roles.</u>	<u>.</u>
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. <u>Learn more about the role=text attribute</u> .	
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. <u>Learn more about toggle fields</u> .	le
O ARIA tooltip elements have accessible names	^
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 it unusable for users who rely on screen readers. <u>Learn more about labeling treeitem elements</u> .	
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 bypass.	<u> 155</u>
O <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 how structure definition lists correctly</u>.</td><td><u>v to</u></td></tr></tbody></table></script></dd></dt></dl>	

O Definition list items are wrapped in <d1> elements</d1>	^
Definition list items ( <dt> and <dd>) must be wrapped in a parent <d1> element to ensure that screen readers can prope announce them. Learn how to structure definition lists correctly.</d1></dd></dt>	erly
O ARIA IDs are unique	^
The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. Lea how to fix duplicate ARIA IDs.	<u>rn</u>
No form fields have multiple labels	^
Form fields with multiple labels can be confusingly announced by assistive technologies like screen readers which use eit the first, the last, or all of the labels. <u>Learn how to use form labels</u> .	her
O <frame/> or <iframe> elements have a title</iframe>	^
Screen reader users rely on frame titles to describe the contents of frames. <u>Learn more about frame titles</u> .	
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 corre Learn more about the lang attribute.	ctly.
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. <u>Learn more about input buttons</u> .	out
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 purpose of the button. Learn about input image alt text.	the
Form elements have associated labels	^
Labels ensure that form controls are announced properly by assistive technologies, like screen readers. <u>Learn more aboutorm element labels</u> .	<u>t</u>
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 fo users with low vision. Learn how to make links distinguishable.	r

<ul> <li>Lists contain only <li>elements and script supporting elements (<script> and <template>).</li> </ul></th><th>^</th></tr><tr><td>Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. <u>Learn moabout proper list structure</u>.</td><td><u>ore</u></td></tr><tr><td>List items (<li>) are contained within <ul>, <ol> or <menu> parent elements</td><td>^</td></tr><tr><td>Screen readers require list items (<li>) to be contained within a parent <ul>, <ol> or <menu> to be announced properly <a href="Learn more about proper list structure">Learn more about proper list structure</a>.</td><td><b>'</b>.</td></tr><tr><td>The document does not use <meta http-equiv="refresh"></td><td>^</td></tr><tr><td>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. <u>Learn more about the refresh meta tag</u>.</td><td></td></tr><tr><td>O <object> elements have alternate text</td><td>^</td></tr><tr><td>Screen readers cannot translate non-text content. Adding alternate text to <object> elements helps screen readers convening to users. Learn more about alt text for object elements.</td><td>vey</td></tr><tr><td>Select elements have associated label elements.</td><td>^</td></tr><tr><td>Form elements without effective labels can create frustrating experiences for screen reader users. <u>Learn more about the select element</u>.</td><td></td></tr><tr><td>O Skip links are focusable.</td><td>^</td></tr><tr><td>Including a skip link can help users skip to the main content to save time. <u>Learn more about skip links</u>.</td><td></td></tr><tr><td>Tables have different content in the summary attribute and <caption>.</td><td>^</td></tr><tr><td>The summary attribute should describe the table structure, while <caption> should have the onscreen title. Accurate tab mark-up helps users of screen readers. Learn more about summary and caption.</td><td>ole</td></tr><tr><td>O Cells in a  element that use the [headers] attribute refer to table cells within the same table.</td><td>^</td></tr><tr><td>Screen readers have features to make navigating tables easier. Ensuring  cells using the [headers] attribute only re to other cells in the same table may improve the experience for screen reader users. Learn more about the headers attribute.</td><td>efer</td></tr><tr><td>elements and elements with [role="columnheader"/"rowheader"] have data cells they describe.</td><td>^</td></tr><tr><td>Screen readers have features to make navigating tables easier. Ensuring table headers always refer to some set of cells m improve the experience for screen reader users. <u>Learn more about table headers</u>.</td><td>ıay</td></tr></tbody></table></script></li></li></ul>
--

O [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 how to use the lang attribute</u>.

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. <u>Learn more about video captions</u>.



# **Best Practices**

### TRUST AND SAFETY

Ensure CSP is effective against XSS attacks

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

Description	Directive	Severity
Host allowlists can frequently be bypassed. Consider using CSP nonces or hashes instead, along with `'strict-dynamic'` if necessary.	script-src	High
'unsafe-hashes', while safer than 'unsafe-inline', allows the execution of unsafe in- page scripts and event handlers as long as their hashes appear in the CSP. Please refactor them to no longer use inline scripts if possible.	script-src	High

Use a strong HSTS policy

Deployment of the HSTS header significantly reduces the risk of downgrading HTTP connections and eavesdropping attacks. A rollout in stages, starting with a low max-age is recommended. <u>Learn more about using a strong HSTS policy.</u>

Description	Directive	Severity
No `preload` directive found	preload	Medium

0	Detected JavaScript libraries		^
	All front-end JavaScript libraries detected on the page. <u>Learn n</u>	nore about this JavaScript library detection diagnostic audit	<u>t</u> .
	Name	Version	
	Angular	19.2.10	
PASS	SED AUDITS (15)		Hide
7,5			1110
	Uses HTTPS		^
	All sites should be protected with HTTPS, even ones that don't where some resources are loaded over HTTP despite the initial from tampering with or passively listening in on the communic for HTTP/2 and many new web platform APIs. Learn more about	request being served over HTTPS. HTTPS prevents intrude ations between your app and your users, and is a prerequis	ers
	Avoids deprecated APIs		^
	Deprecated APIs will eventually be removed from the browser.	Learn more about deprecated APIs.	
	Avoids third-party cookies		^
	Third-party cookies may be blocked in some contexts. <u>Learn m</u>	ore about preparing for third-party cookie restrictions.	
	Allows users to paste into input fields		^
	Preventing input pasting is a bad practice for the UX, and weal about user-friendly input fields.	kens security by blocking password managers. <u>Learn more</u>	
	Avoids requesting the geolocation permission on page load		^
	Users are mistrustful of or confused by sites that request their action instead. <u>Learn more about the geolocation permission</u> .	location without context. Consider tying the request to a us	ser
	Avoids requesting the notification permission on page load		^
	Users are mistrustful of or confused by sites that request to ser user gestures instead. <u>Learn more about responsibly getting p</u>		t to
	Displays images with correct aspect ratio		

Image display dimensions should match natural aspect ratio. Learn more about image aspect ratio.

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 how to provide responsive images</u>.

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

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

Document uses legible font sizes — 100% legible text

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  $\ge 12px$ . Learn more about legible font sizes.

Source	Selector	% of Page Text	Font Size	
Legible text		100.00%	≥ 12px	

Page has the HTML doctype

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

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 the Content-Type HTTP response header. Learn more about declaring the character encoding.

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.

Page has valid source maps

Source maps translate minified code to the original source code. This helps developers debug in production. In addition, Lighthouse is able to provide further insights. Consider deploying source maps to take advantage of these benefits. <u>Learn more about source maps</u>.

URL	Map URL
chrome-	
extension://cfhdojbkjhnklbpkdaibdccddilifddb/vendor/@eye	
o/webext-ad-filtering-solution/content.js	
chrome-	chrome-
	extension://cfhdojbkjhnklbpkdaibdccddilifddb/polyfil
extension://cfhdojbkjhnklbpkdaibdccddilifddb/polyfill.js	1.js.map
chrome-	chrome-
extension://cfhdojbkjhnklbpkdaibdccddilifddb/onpage-	extension://cfhdojbkjhnklbpkdaibdccddilifddb/onpage-
dialog.preload.js	dialog.preload.js.map
chrome-	chrome-
extension://cfhdojbkjhnklbpkdaibdccddilifddb/onpage-	extension://cfhdojbkjhnklbpkdaibdccddilifddb/onpage-
dialog-ui.preload.js	dialog-ui.preload.js.map
chrome-	chrome-
extension://cfhdojbkjhnklbpkdaibdccddilifddb/cookie-	extension://cfhdojbkjhnklbpkdaibdccddilifddb/cookie-
banner-detection.preload.js	banner-detection.preload.js.map
chrome-	chrome-
extension://cfhdojbkjhnklbpkdaibdccddilifddb/composer.pr	extension://cfhdojbkjhnklbpkdaibdccddilifddb/compose
eload.js	r.preload.js.map
chrome-	chrome-
extension://cfhdojbkjhnklbpkdaibdccddilifddb/bypass.prel	extension://cfhdojbkjhnklbpkdaibdccddilifddb/bypass.
oad.js	preload.js.map

NOT APPLICABLE (3)	Hide
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	<u>2</u> .
Ensure proper origin isolation with COOP	^
The Cross-Origin-Opener-Policy (COOP) can be used to isolate the top-level window from other documents such as pop-	

ups. <u>Learn more about deploying the COOP header.</u>

The X-Frame-Options (XFO) header or the frame-ancestors directive in the Content-Security-Policy (CSP) header control where a page can be embedded. These can mitigate clickjacking attacks by blocking some or all sites from embedding the page. <u>Learn more about mitigating clickjacking</u>.



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

## ADDITIONAL ITEMS TO MANUALLY CHECK (1)

Hide

Structured data is valid

.

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 (10)

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. <u>Learn more about crawler directives</u>.

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.

Document has a meta description

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

Page has successful HTTP status code

^

Links have descriptive text			
Descriptive link text helps search engines understand your content. <u>Learn how to make links more accessible</u> .			
Links are crawlable			
Search engines may use href attributes on links to crawl websites. Ensure that the href attribute of anchor elements links to an appropriate destination, so more pages of the site can be discovered. Learn how to make links crawlable			
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 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> .			
Document has a valid rel=canonical			
Canonical links suggest which URL to show in search results. <u>Learn more about canonical links</u> .			
Captured at Aug 7, 2025, 8:30  AM GMT+2  Initial page load  Emulated Moto G Power with Lighthouse 12.6.0  Slow 4G throttling  Using Chromium 138.0.0.0 with devtools			

Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more about HTTP status codes.

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