

https://guillaumepevrier.github.io/OC_Project05/



Performance



Accessibility



Best Practices



SEO



PWA



Performance

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





50-89



90-100



METRICS

First Contentful Paint

2.6 s

Total Blocking Time

0 ms

Speed Index

2.6 s

Largest Contentful Paint

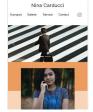
2.9 s

Cumulative Layout Shift

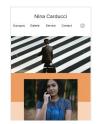
0.001

₩ View Treemap

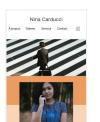














Expand view

04/04/2023 08:28 Lighthouse Report

















Show audits relevant to: All FCP LCP TBT CLS

OPPORTUNITIES

Opportunity **Estimated Savings**

Eliminate render-blocking resources

1.64s ^

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

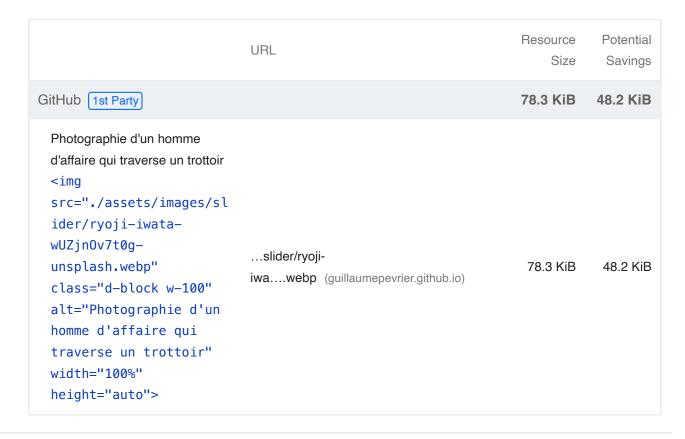
✓ Show 3rd-party resources (2)

URL	Transfer Size	Potential Savings
GitHub 1st Party	48.2 KiB	750 ms
bootstrap/bootstrap.css (guillaumepevrier.github.io)	24.4 KiB	450 ms
bootstrap/bootstrap.bundle.js (guillaumepevrier.github.io)	23.8 KiB	300 ms
Google Fonts	1.4 KiB	780 ms
/css2?family= (fonts.googleapis.com)	1.4 KiB	780 ms
jQuery CDN	30.4 KiB	1,080 ms
/jquery-3.4.1.min.js (code.jquery.com)	30.4 KiB	1,080 ms

Properly size images

0.30s ^

Serve images that are appropriately-sized to save cellular data and improve load time. Learn how to size images.



Reduce unused CSS

he-fold content to

0.30s ^

Reduce unused rules from stylesheets and defer CSS not used for above-the-fold content to decrease bytes consumed by network activity. <u>Learn how to reduce unused CSS</u>. FCP [LCP]

URL	Transfer Size	Potential Savings
GitHub 1st Party	24.4 KiB	23.4 KiB
bootstrap/bootstrap.css (guillaumepevrier.github.io)	24.4 KiB	23.4 KiB

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

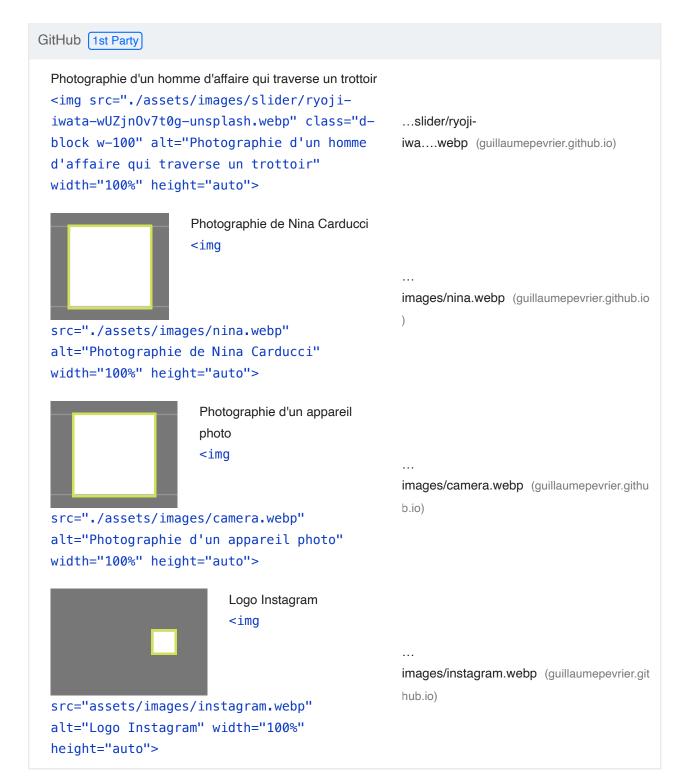
DIAGNOSTICS

▲ 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 dimensions CLS</u>

URL



▲ Serve static assets with an efficient cache policy — 20 resources found

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

URL	Cache TTL	Transfer Size
GitHub 1st Party	3h 20m	453 KiB

slider/ryoji-iwawebp (guillaumepevrier.github.io) 10nslider/edward-ciwebp (guillaumepevrier.github.io) 10n	m 79 KiB
slider/edward-ciwebp (quillaumepevrier.github.io) 10n	
(3	m 50 KiB
slider/nicholaswebp (guillaumepevrier.github.io) 10n	m 47 KiB
concerts/aaron-pauwebp (guillaumepevrier.github.io) 10n	m 41 KiB
mariage/jakob-owens-SiniLJkXhMc-	
unsplash.webp (guillaumepevrier.github.io)	m 31 KiB
bootstrap/bootstrap.css (guillaumepevrier.github.io) 10n	m 24 KiB
images/nina.webp (guillaumepevrier.github.io) 10n	m 24 KiB
portroito/nino von von von von von von von von von v	04 1/3
portraits/nino-vanwebp (guillaumepevrier.github.io) 10n	m 24 KiB
portraits/ade-tunji-rVkhWWZFAtQ-unsplash.webp (guillaumepevrier.github.io) 10n	m 24 KiB
, in the state of	
bootstrap/bootstrap.bundle.js (guillaumepevrier.github.io) 10n	m 24 KiB
entreprise/mateus-cawebp (guillaumepevrier.github.io) 10n	m 16 KiB
concerts/austin-newebp (guillaumepevrier.github.io) 10n	m 14 KiB
concerts/adstin-newebp (guillaumepevner.github.lo)	III 14 NID
images/camera.webp (guillaumepevrier.github.io) 10n	m 13 KiB
entreprise/jason-goowebp (guillaumepevrier.github.io) 10n	m 12 KiB
mariage/hannah-buwebp (guillaumepevrier.github.io) 10n	m 11 KiB
entreprise/ali-morshwebp (guillaumepevrier.github.io) 10n	m 11 KiB
ona opnovan moronwosp (gamaamopevnor.gamase)	III II NIB
assets/maugallery.js (guillaumepevrier.github.io) 10n	m 3 KiB
assets/style.css (guillaumepevrier.github.io) 10n	m 2 KiB
ing a good in a to graph a walking (as all as are as micro at the state)	0.1475
images/instagram.webp (guillaumepevrier.github.io) 10n	m 2 KiB
assets/scripts.js (guillaumepevrier.github.io) 10n	m 1 KiB

▲ First Contentful Paint (3G) — 5490 ms

First Contentful Paint 3G marks the time at which the first text or image is painted while on a 3G network. Learn more about the First Contentful Paint (3G) metric.

○ 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. FCP LCP

Maximum critical path latency: 262.609 ms

Initial Navigation

```
/OC_Project05/ (guillaumepevrier.github.io)
```

```
...assets/scripts.js (guillaumepevrier.github.io) - 18.75 ms, 0.91 KiB
```

...assets/style.css (guillaumepevrier.github.io) - 137.419 ms, 1.93 KiB

...assets/maugallery.js (guillaumepevrier.github.io) - 18.361 ms, 2.79 KiB

/jquery-3.4.1.min.js (code.jquery.com) - 32.483 ms, 30.36 KiB

/css2?family=... (fonts.googleapis.com)

```
...v13/rnCr-xNNw....woff2 (fonts.gstatic.com) - 14.139 ms, 14.25 KiB
```

...v12/UcCO3FwrK....woff2 (fonts.gstatic.com) - 12.493 ms, 17.11 KiB

...v13/rnCu-xNNw....woff2 (fonts.gstatic.com) - 12.914 ms, 15.25 KiB

...v13/rnCu-xNNw....woff2 (fonts.gstatic.com) - 10.22 ms, 16.05 KiB

...bootstrap/bootstrap.bundle.js (guillaumepevrier.github.io) - 33.332 ms, 23.84 KiB

...bootstrap/bootstrap.css (guillaumepevrier.github.io) - 36.376 ms, 24.38 KiB

○ Keep request counts low and transfer sizes small — 27 requests • 552 KiB

To set budgets for the quantity and size of page resources, add a budget.json file. <u>Learn more about performance budgets</u>.

Resource Type	Requests	Transfer Size
Total	27.0	551.6 KiB
Image	15.0	399.3 KiB
Font	4.0	62.7 KiB
Script	4.0	57.9 KiB
Stylesheet	3.0	27.7 KiB
Document	1.0	4.0 KiB

Media	0.0	0.0 KiB
Other	0.0	0.0 KiB
Third-party	27.0	551.6 KiB

○ Largest Contentful Paint element — 1 element found

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

Element

Photographie d'un homme d'affaire qui traverse un trottoir

<img src="./assets/images/slider/ryoji-iwata-wUZjn0v7t0g-unsplash.webp"
class="d-block w-100" alt="Photographie d'un homme d'affaire qui traverse un
trottoir" width="100%" height="auto">

O Avoid large layout shifts — 3 elements found

These DOM elements contribute most to the CLS of the page. Learn how to improve CLS CLS



O Avoid long main-thread tasks — 6 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]

V	Show	3rd-party	resources	(2)
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URL	Start Time	Duration
jQuery CDN	4,373 ms	253 ms
/jquery-3.4.1.min.js (code.jquery.com)	2,271 ms	134 ms
/jquery-3.4.1.min.js (code.jquery.com)	2,102 ms	119 ms
GitHub 1st Party	5,110 ms	333 ms
/OC_Project05/ (guillaumepevrier.github.io)	879 ms	118 ms
/OC_Project05/ (guillaumepevrier.github.io)	780 ms	92 ms
bootstrap/bootstrap.css (guillaumepevrier.github.io)	1,230 ms	73 ms
bootstrap/bootstrap.bundle.js (guillaumepevrier.github.io)	2,221 ms	50 ms

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

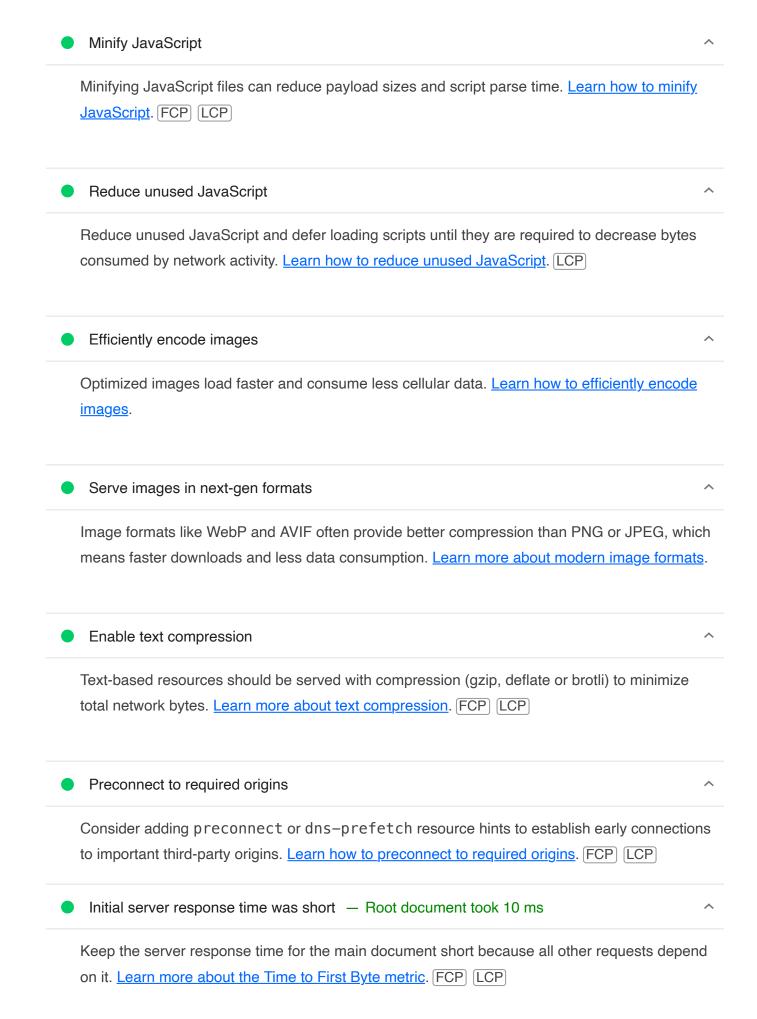
PASSED AUDITS (28)

Defer offscreen images

Consider lazy-loading offscreen and hidden images after all critical resources have finished loading to lower time to interactive. <u>Learn how to defer offscreen images</u>.

Minify CSS

Minifying CSS files can reduce network payload sizes. Learn how to minify CSS. FCP LCP





Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. <u>Learn how to avoid page</u> redirects. FCP LCP

O Preload key requests

Consider using link rel=preload> to prioritize fetching resources that are currently requested later in page load. Learn how to preload key requests. FCP LCP

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 [LCP]

Remove duplicate modules in JavaScript bundles

Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes consumed by network activity. (TBT)

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 browsers. Learn how to use modern JavaScript TBT

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 more about preloading LCP elements</u>. <u>LCP</u>

Avoids enormous network payloads — Total size was 552 KiB

Large network payloads cost users real money and are highly correlated with long load times.

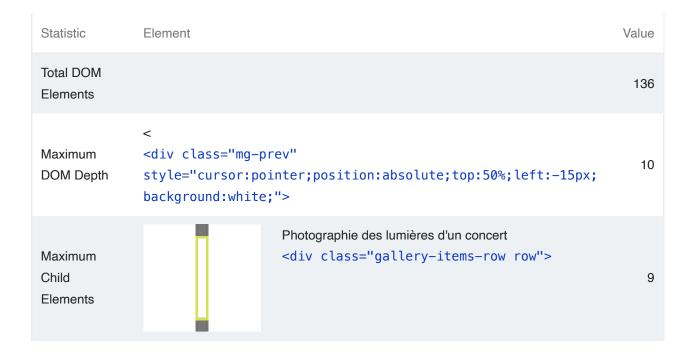
<u>Learn how to reduce payload sizes</u>. <u>LCP</u>

✓ Show 3rd-party resources (1)

URL	Transfer Size
GitHub (1st Party)	344.8 KiB
slider/ryoji-iwawebp (guillaumepevrier.github.io)	79.0 KiB
slider/edward-ciwebp (guillaumepevrier.github.io)	49.6 KiB
slider/nicholaswebp (guillaumepevrier.github.io)	47.3 KiB
concerts/aaron-pauwebp (guillaumepevrier.github.io)	41.2 KiB
mariage/jakob-owens-SiniLJkXhMc-unsplash.webp (guillaumepevrier.github.io)	31.1 KiB
bootstrap/bootstrap.css (guillaumepevrier.github.io)	24.4 KiB
images/nina.webp (guillaumepevrier.github.io)	24.2 KiB
portraits/nino-vanwebp (guillaumepevrier.github.io)	24.1 KiB
portraits/ade-tunji-rVkhWWZFAtQ-unsplash.webp (guillaumepevrier.github.io)	24.0 KiB
jQuery CDN	30.4 KiB
/jquery-3.4.1.min.js (code.jquery.com)	30.4 KiB

● Avoids an excessive DOM size — 136 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>



User Timing marks and measures

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>.

JavaScript execution time — 0.5 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
jQuery CDN	594 ms	370 ms	12 ms
/jquery-3.4.1.min.js (code.jquery.com)	594 ms	370 ms	12 ms
GitHub 1st Party	687 ms	72 ms	16 ms
/OC_Project05/ (guillaumepevrier.github.io)	542 ms	15 ms	7 ms
bootstrap/bootstrap.css (guillaumepevrier.github.io)	73 ms	0 ms	0 ms
bootstrap/bootstrap.bundle.js (guillaumepevrier.github.io)	73 ms	57 ms	9 ms

Unattributable	225 ms	9 ms	0 ms
Unattributable	225 ms	9 ms	0 ms

● Minimizes main-thread work — 1.5 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 minimize main-thread work</u> [TBT]

Category	Time Spent
Script Evaluation	459 ms
Other	456 ms
Style & Layout	372 ms
Parse HTML & CSS	116 ms
Rendering	102 ms
Script Parsing & Compilation	29 ms

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. FCP [LCP]

Minimize third-party usage — Third-party code blocked the main thread for 210 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
jQuery CDN	30 KiB	208 ms
jQuery CDN	30 KiB	208 ms
/jquery-3.4.1.min.js (code.jquery.com)	30 KiB	208 ms
Google Fonts	64 KiB	0 ms

Google Fonts	64 KiB	0 ms
v12/UcCO3FwrKwoff2 (fonts.gstatic.com)	17 KiB	0 ms
v13/rnCu-xNNwwoff2 (fonts.gstatic.com)	16 KiB	0 ms
v13/rnCu-xNNwwoff2 (fonts.gstatic.com)	15 KiB	0 ms
v13/rnCr-xNNwwoff2 (fonts.gstatic.com)	14 KiB	0 ms

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. <u>Learn more about optimal lazy loading</u>. <u>LCP</u>

Element

Photographie d'un homme d'affaire qui traverse un trottoir

<img src="./assets/images/slider/ryoji-iwata-wUZjn0v7t0g-unsplash.webp"
class="d-block w-100" alt="Photographie d'un homme d'affaire qui traverse un
trottoir" width="100%" height="auto">

Uses passive listeners to improve scrolling performance

Consider marking your touch and wheel event listeners as passive to improve your page's scroll performance. <u>Learn more about adopting passive event listeners</u>.

Avoids document.write()

For users on slow connections, external scripts dynamically injected via document.write() can delay page load by tens of seconds. <u>Learn how to avoid document.write()</u>.

Avoid non-composited animations

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. TBT



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.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)	Hide
O 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.	!
O Interactive controls are keyboard focusable	^
Custom interactive controls are keyboard focusable and display a focus indicator. <u>Learn has custom controls focusable</u> .	now to
O 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. <u>Learn how to decorate interactive elements with affordance hints</u>.

0	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</u> how to direct focus to new content.	
0	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. <u>Learn how to avoid focus traps</u> .	
0	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> .	
0	Custom controls have ARIA roles	^
	Custom interactive controls have appropriate ARIA roles. <u>Learn how to add roles to custom controls</u> .	
0	Visual order on the page follows DOM order	^
	DOM order matches the visual order, improving navigation for assistive technology. <u>Learn morabout DOM and visual ordering</u> .	<u>re</u>
0	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.	<u>2</u>
0	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>	е

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

Image elements have [alt] attributes

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

Form elements have associated labels

Labels ensure that form controls are announced properly by assistive technologies, like screen readers. <u>Learn more about form element labels</u>.

[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 of a web page. <u>Learn more about the viewport meta tag</u>.

• [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. <u>Learn how aria-hidden affects focusable elements</u>.

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</u> sufficient color contrast.

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. <u>Learn more about document titles</u>.

<html> element has a [lang] attribute

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. Learn more about the lang attribute.

<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</u> accessible.

Lists contain only elements and script supporting elements (<script> and <template>).

Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. <u>Learn more about proper list structure</u>.

List items () are contained within , or <menu> parent elements

Screen readers require list items () to be contained within a parent , or <menu> to be announced properly. <u>Learn more about proper list structure</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>.

NOT	APPLICABLE (26)	Hide
0	[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.	у
0	button, link, and menuitem elements have accessible names	^
	When an element doesn't have an accessible name, screen readers announce it with a generatine, making it unusable for users who rely on screen readers. Learn how to make comman elements more accessible.	
0	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. <u>Learn more about infield labels</u> .	out
0	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> .	
0	ARIA progressbar elements have accessible names	^
	When a progressbar element doesn't have an accessible name, screen readers announce with a generic name, making it unusable for users who rely on screen readers. Learn how to label progressbar elements.	it
0	[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 roles and required attributes</u>.

Elements with an ARIA [role] that require children to contain a specific [role] have all 0 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. Learn more about ARIA roles and required parent element. [role] values are valid ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more about valid ARIA roles. 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. 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. Learn how to name tooltip elements. 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. Learn more about <u>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 blocks.

<dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <div>
elements.

When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. <u>Learn how to structure definition lists correctly</u>.

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.

[id] attributes on active, focusable elements are unique

All focusable elements must have a unique id to ensure that they're visible to assistive technologies. <u>Learn how to fix duplicate ids</u>.

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. <u>Learn how to use form labels</u>.

O <frame> or <iframe> elements have a title

Screen reader users rely on frame titles to describe the contents of frames. <u>Learn more about</u> frame titles.

<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.

The document does not use <meta http-equiv="refresh">

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</u>

refresh 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. 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. 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. > 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. Learn 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.



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
No CSP found in enforcement mode		High

GENERAL

Detected JavaScript libraries

^

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

Name	Version
Bootstrap	5.1.3
jQuery	3.4.1

PASSED AUDITS (13)

Uses HTTPS

All sites should be protected with HTTPS, even ones that don't handle sensitive data. This includes avoiding <u>mixed content</u>, 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. <u>Learn more about HTTPS</u>.

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. <u>Learn more about the geolocation permission</u>.

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. <u>Learn more about responsibly getting permission for notifications</u>.

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.

Displays images with correct aspect ratio

Image display dimensions should match natural aspect ratio. <u>Learn more about image aspect</u> 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>.

Page has the HTML doctype

Specifying a doctype prevents the browser from switching to quirks-mode. <u>Learn more about the doctype declaration</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 the Content-Type HTTP response header. Learn more about declaring the character encoding.

Avoids unload event listeners

The unload event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Cache. Use pagehide or visibilitychange events instead. <u>Learn</u> more about unload event listeners

Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. <u>Learn more about deprecated</u> APIs.

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. <u>Learn more about this errors in console diagnostic</u> 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. Learn more about source maps.

NOT APPLICABLE (1) Hide

Fonts with font-display: optional are preloaded

Preload optional fonts so first-time visitors may use them. Learn more about preloading fonts



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.

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. Learn more about Structured Data.

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

PASSED AUDITS (12) Hide 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. TBT 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. Learn more about the meta description. 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. Learn how to make links more accessible. 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

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>.

Image elements have [alt] attributes

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

● 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 ≥12px. Learn more about legible font sizes.

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

Document avoids plugins

Search engines can't index plugin content, and many devices restrict plugins or don't support them. <u>Learn more about avoiding plugins</u>.

● Tap targets are sized appropriately — 100% appropriately sized tap targets

Interactive elements like buttons and links should be large enough (48x48px), and have enough space around them, to be easy enough to tap without overlapping onto other elements. <u>Learn</u> more about tap targets.

NOT APPLICABLE (2)

robots.txt is valid

flyour 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.

Document has a valid rel=canonical

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



PWA

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



INSTALLABLE



Web app manifest or service worker do not meet the installability requirements — 1 reason

Service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. With proper service worker and manifest implementations, browsers can proactively prompt users to add your app to their

homescreen, which can lead to higher engagement. <u>Learn more about manifest installability</u> requirements.

Failure reason

No manifest was fetched



PWA OPTIMIZED

▲ Does not register a service worker that controls page and start_url

The service worker is the technology that enables your app to use many Progressive Web App features, such as offline, add to homescreen, and push notifications. <u>Learn more about Service</u> Workers.

▲ Is not configured for a custom splash screen Failures: No manifest was fetched.

A themed splash screen ensures a high-quality experience when users launch your app from their homescreens. <u>Learn more about splash screens</u>.

Does not set a theme color for the address bar.

Failures: No manifest was fetched, No `<meta name="theme-color">` tag found.

The browser address bar can be themed to match your site. <u>Learn more about theming the address bar</u>.

Content is sized correctly for the viewport

If the width of your app's content doesn't match the width of the viewport, your app might not be optimized for mobile screens. <u>Learn how to size content for the viewport</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 a 300 millisecond delay to user input. Learn more about using the viewport meta tag. TBT

Manifest doesn't have a ma	skable icon No manifest was fe	tched
		e without being letterboxed when
installing the app on a device	e. <u>Learn about maskable manife</u>	<u>st icons</u> .
ADDITIONAL ITEMS TO MANUALI	LY CHECK (3)	Hide
O Site works cross-browser		^
To reach the most number of cross-browser compatibility.	f users, sites should work across	s every major browser. <u>Learn about</u>
O Page transitions don't feel I	ike they block on the network	^
	oy as you tap around, even on a performance. <u>Learn more abou</u>	slow network. This experience is t page transitions.
O Each page has a URL		^
	deep linkable via URL and that Learn more about providing dea	URLs are unique for the purpose of ep links.
These checks are required by the base not affect your score but it's important the		atically checked by Lighthouse. They do
Captured at Mar 30, 2023 at 4:00 PM GMT+2	Emulated Desktop with Lighthouse 10.0.2	Single page load
Ō Initial page load	T Unknown	⊕ Using HeadlessChromium 111.0.5563.64 with Ir

Generated by **Lighthouse** 10.0.2 I File an issue