http://127.0.0.1:5500/employee-list.html

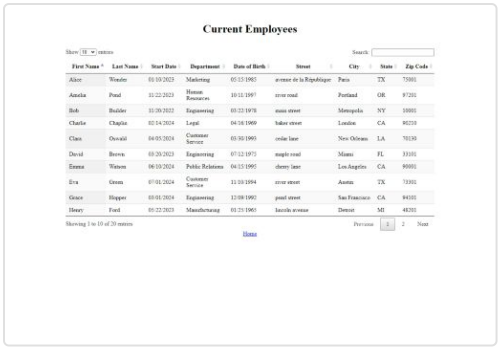
| 100 | 96 | 93 |
| --- | --- | --- |
| Performance | Accessibility | Best Practices |

100

## Performance

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

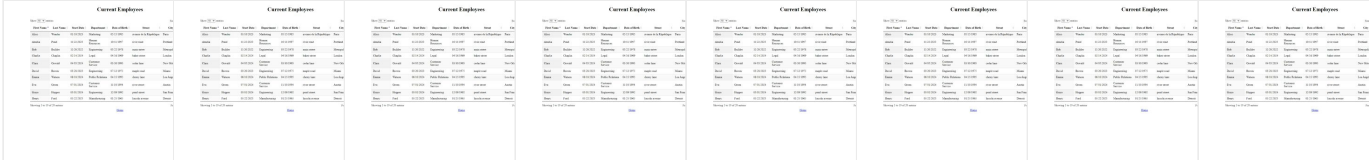
▲ 0–49 50–89 90–100




METRICS Expand view

| First Contentful Paint | Largest Contentful Paint |
| --- | --- |
| 0.5 s | 0.5 s |
| **Total Blocking Time** | **Cumulative Layout Shift** |
| 0 ms | 0 |
| **Speed Index** | |
| 0.5 s | |

View Treemap



Show audits relevant to: All FCP LCP TBT CLS

DIAGNOSTICS

▲ Eliminate render-blocking resources — Potential savings of 330 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

Show 3rd-party resources (3)

| URL | Transfer Size | Potential Savings |
|---|---|---|
| Google CDN Cdn | **30.9 KiB** | **300 ms** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 30.9 KiB | 300 ms |
| datatables.net | **29.5 KiB** | **300 ms** |
| …js/jquery.dataTables.min.js (cdn.datatables.net) | 27.4 KiB | 80 ms |
| …css/jquery.dataTables.min.css (cdn.datatables.net) | 2.1 KiB | 220 ms |
| 127.0.0.1 1st Party | **6.4 KiB** | **180 ms** |
| /mockEmployees.js (127.0.0.1) | 5.4 KiB | 90 ms |
| /employee-list.js (127.0.0.1) | 1.0 KiB | 90 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 with WebSocket cannot enter back/forward cache. | Pending browser support |
| /employee-list.html (127.0.0.1) | |

▲ 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.

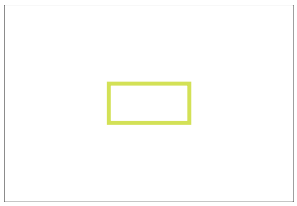
Enable text compression — Potential savings of 4 KiB

Text-based resources should be served with compression (gzip, deflate or brotli) to minimize total network bytes. Learn more about text compression. FCP LCP

| URL | Transfer Size | Potential Savings |
| --- | --- | --- |
| 127.0.0.1 1st Party | **5.0 KiB** | **3.8 KiB** |
| /mockEmployees.js (127.0.0.1) | 5.0 KiB | 3.8 KiB |

## 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 windowing. Learn how to improve CLS CLS

| Element | Layout shift score |
| --- | --- |
|  a | 0.000 |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | A late network request adjusted the page layout |
| …js/jquery.dataTables.min.js (cdn.datatables.net) | A late network request adjusted the page layout |
| …css/jquery.dataTables.min.css (cdn.datatables.net) | A late network request adjusted the page layout |
| /employee-list.js (127.0.0.1) | A late network request adjusted the page layout |
| /mockEmployees.js (127.0.0.1) | A late network request adjusted the page layout |
| /app.css (127.0.0.1) | A late network request adjusted the page layout |

## Initial server response time was short — Root document took 0 ms

Keep the server response time for the main document short because all other requests depend on it. Learn more about the Time to First Byte metric. FCP LCP

| URL | Time Spent |
| --- | --- |
| 127.0.0.1 1st Party | **0 ms** |
| /employee-list.html (127.0.0.1) | 0 ms |

## Avoids enormous network payloads — Total size was 71 KiB

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

Show 3rd-party resources (5)

| URL | Transfer Size |
| --- | --- |
| Google CDN Cdn | **30.9 KiB** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 30.9 KiB |
| datatables.net | **30.7 KiB** |
| …js/jquery.dataTables.min.js (cdn.datatables.net) | 27.4 KiB |
| …css/jquery.dataTables.min.css (cdn.datatables.net) | 2.1 KiB |
| …images/sort_asc.png (cdn.datatables.net) | 0.7 KiB |
| …images/sort_both.png (cdn.datatables.net) | 0.5 KiB |
| 127.0.0.1 1st Party | **9.6 KiB** |
| /mockEmployees.js (127.0.0.1) | 5.4 KiB |
| /employee-list.html (127.0.0.1) | 2.6 KiB |
| /employee-list.js (127.0.0.1) | 1.0 KiB |
| /app.css (127.0.0.1) | 0.7 KiB |

## Avoids an excessive DOM size — 135 elements

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

| Statistic | Element | Value |
| --- | --- | --- |
| Total DOM Elements | | 135 |
| Maximum DOM Depth | option | 7 |
| Maximum Child Elements |  tbody | 10 |

## Avoid chaining critical requests — 6 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: **109.257 ms**

*Initial Navigation*

/employee-list.html (127.0.0.1)

- …css/jquery.dataTables.min.css (cdn.datatables.net) **- 25.763 ms, 2.12 KiB**
- /app.css (127.0.0.1) **- 9.094 ms, 0.67 KiB**
- …3.5.1/jquery.min.js (ajax.googleapis.com) **- 87.429 ms, 30.91 KiB**
- …js/jquery.dataTables.min.js (cdn.datatables.net) **- 27.347 ms, 27.42 KiB**
- /mockEmployees.js (127.0.0.1) **- 10.029 ms, 5.39 KiB**
- /employee-list.js (127.0.0.1) **- 10.524 ms, 1.02 KiB**

## JavaScript execution time — 0.0 s

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

| URL | Total CPU Time | Script Evaluation | Script Parse |
|---|---|---|---|
| Google CDN Cdn | **81 ms** | **41 ms** | **1 ms** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 81 ms | 41 ms | 1 ms |

## Minimizes main-thread work — 0.2 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 | 53 ms |
| Other | 48 ms |
| Style & Layout | 40 ms |
| Parse HTML & CSS | 9 ms |
| Rendering | 4 ms |

| Category | Time Spent |
| --- | --- |
| Script Parsing & Compilation | 3 ms |

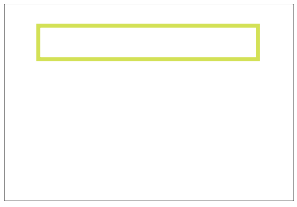
## Minimize third-party usage — Third-party code blocked the main thread for 0 ms

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. Learn how to minimize third-party impact. TBT

| Third-Party | Transfer Size | Main-Thread Blocking Time |
| --- | --- | --- |
| Google CDN Cdn | **31 KiB** | **0 ms** |
| …3.5.1/jquery.min.js (ajax.googleapis.com) | 31 KiB | 0 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_asc.png (cdn.datatables.net) | 1 KiB | 0 ms |
| …images/sort_both.png (cdn.datatables.net) | 0 KiB | 0 ms |

## Largest Contentful Paint element — 520 ms

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

| Element |
| --- |
|  h1 |

| Phase | % of LCP | Timing |
| --- | --- | --- |
| TTFB | 24% | 130 ms |
| Load Delay | 0% | 0 ms |
| Load Time | 0% | 0 ms |
| Render Delay | 76% | 400 ms |

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

PASSED AUDITS (25) Hide

- Properly size images

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

- 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

- Minify JavaScript

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

- 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

- 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. Learn how to avoid page redirects. LCP FCP

Use HTTP/2

HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn more about HTTP/2. LCP FCP

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 browsers. Learn how to use modern JavaScript FCP LCP

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

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.

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. Learn more about User Timing marks.

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

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 long main-thread tasks

Lists the longest tasks on the main thread, useful for identifying worst contributors to input delay. Learn how to avoid long main-thread tasks TBT

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

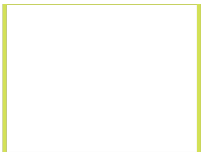
These checks highlight opportunities to improve the accessibility of your web app. Automatic detection can only detect a subset of issues and does not guarantee the accessibility of your web app, so manual testing is also encouraged.

INTERNATIONALIZATION AND LOCALIZATION

▲ `<html>` element does not have 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.

Failing Elements



html

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 new content.

- 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.

- 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. Learn more about custom controls and labels.

- 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 accessibility review.

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. Learn more about ARIA roles and required parent element.

`[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

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.

Form elements have associated labels

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

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. 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 `<table>` element that use the `[headers]` attribute refer to table cells within the same table.

Screen readers have features to make navigating tables easier. Ensuring `<td>` 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>`.

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) Hide

`[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.

- `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.

- `[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.

- 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 labeling `treeitem` elements.

- 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 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. Learn how to structure definition lists correctly.

- 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.

- 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.

- 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.

- `<frame>` or `<iframe>` elements have a title

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

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

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

- `<html>` element has an `[xml:lang]` attribute with the same base language as the `[lang]` attribute.

  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.

- 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.

- 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. Learn more about the `alt` attribute.

- 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.

- `<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.

- Lists contain only `<li>` 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. Learn more about proper list structure.

- List items (`<li>`) are contained within `<ul>`, `<ol>` or `<menu>` parent elements

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

- 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. 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 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.

- [ ] `<th>` 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 BCP 47 language 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.


## 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 a 300 millisecond delay to user input. Learn more about using the viewport meta tag.

## BROWSER COMPATIBILITY

▲ 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

○ 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

○ 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. 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. Learn how to provide responsive images.

### 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. Learn more about source maps.

NOT APPLICABLE (2) 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.

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.

Captured at Oct 14, 2024, 9:03 AM GMT+2
Initial page load
Emulated Desktop with Lighthouse 12.2.0
Custom throttling
Single page session
Using Chromium 129.0.0.0 with devtools