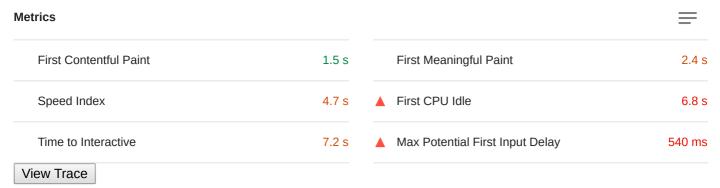




# Performance



Values are estimated and may vary. The performance score is <u>based only on these metrics</u>.



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

Ор	portunity	Estima	ated Savings
	Serve images in next-gen formats		1.42 s ^
	Image formats like JPEG 2000, JPEG XR, and WebP often provide better compression that faster downloads and less data consumption. <u>Learn more</u> .	n PNG or JPEG, which	means
		Show 3rd-party res	sources (0)
	URL	Size	Potential Savings
	/images/texture.png (todolistme.net)	129 KB	89 KB
	Eliminate render-blocking resources		0.55 s ^

Resources are blocking the first paint of your page. Consider delivering critical JS/CSS inline and deferring all non-critical JS/styles. <u>Learn more</u>.

<b>4</b>	Show	3rd-	partv	resources	(2)	)

URL	Size	Potential Savings
/css?family=Abel Architects+Daughter (fonts.googleapis.com)	1 KB	620 ms
smoothness/jquery-ui.css (code.jquery.com)	6 KB	640 ms
/css/style_g.css (todolistme.net)	7 KB	320 ms

Minify JavaScript 0.34 s ^

Minifying JavaScript files can reduce payload sizes and script parse time. Learn more.

Show 3rd-party resources (1)

URL	Size	Potential Savings
1.12.1/jquery-ui.js (code.jquery.com)	122 KB	44 KB

Preconnect to required origins

0.3 s ^

Consider adding preconnect or dns-prefetch resource hints to establish early connections to important third-party origins. Learn more.

URLPotential Savingshttps://connect.facebook.net300 mshttps://www.google-analytics.com300 mshttps://apis.google.com300 ms

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

▲ Minimize main-thread work — 19.2 s

Consider reducing the time spent parsing, compiling and executing JS. You may find delivering smaller JS payloads helps with this.

Category	Time Spent
Script Evaluation	10,511 ms
Other	5,730 ms
Rendering	1,917 ms
Script Parsing & Compilation	415 ms
Style & Layout	353 ms
Parse HTML & CSS	281 ms

Category Time Spent

Garbage Collection 27 ms

#### ▲ Ensure text remains visible during webfont load

Leverage the font-display CSS feature to ensure text is user-visible while webfonts are loading. <u>Learn more</u>.

Show 3rd-party resources (2)

URL Potential Savings
...v10/KtkxAKiDZ....woff2 (fonts.gstatic.com) 60 ms
...v10/MwQ5bhbm2....woff2 (fonts.gstatic.com) 60 ms

### ▲ Reduce JavaScript execution time — 10.8 s

Consider reducing the time spent parsing, compiling, and executing JS. You may find delivering smaller JS payloads helps with this. <u>Learn more</u>.

✓ Show 3rd-party resources (11)

URL	Total CPU Time	Script Evaluation	Script Parse
Other .	10,484 ms	2,390 ms	7 ms
/javascript/javascript_e.js (todolistme.net)	3,521 ms	3,484 ms	4 ms
/jquery-2.2.4.min.js (code.jquery.com)	903 ms	821 ms	14 ms
/widgets.js (platform.twitter.com)	778 ms	734 ms	28 ms
rs=AGLTcCOaA/cb=gapi.loaded_0 (apis.google.com)	776 ms	760 ms	15 ms
/js/plusone.js (apis.google.com)	701 ms	669 ms	15 ms
/en_US/all.js?hash=735bc15&ua=modern_es6 (connect.facebook.net)	635 ms	523 ms	60 ms
/ga.js (www.google-analytics.com)	478 ms	434 ms	13 ms
/pagead/show_ads.js (pagead2.googlesyndication.com)	355 ms	340 ms	14 ms
1.12.1/jquery-ui.js (code.jquery.com)	185 ms	115 ms	69 ms
/js/button.550007ejs (platform.twitter.com)	134 ms	125 ms	9 ms
r20190131/show_ads_impl_fy2019.js (pagead2.googlesyndication.com)	105 ms	50 ms	55 ms
/adsid/integrator.js?domain=todolistme.net (adservice.google.com)	72 ms	1 ms	71 ms

▲ Serve static assets with an efficient cache policy — 29 resources found

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

✓ Show 3rd-party resources (3)

URL Cache TTL Size
/images/texture.png (todolistme.net) None 129 KB
/javascript/javascript\_e.js (todolistme.net) None 10 KB

URL	Cache TTL	Size
/javascript/lists.js (todolistme.net)	None	10 KB
/css/style_g.css (todolistme.net)	None	7 KB
/images/tick.png (todolistme.net)	None	6 KB
/javascript/lib.js (todolistme.net)	None	2 KB
/images/undo.png (todolistme.net)	None	2 KB
/images/top_sync_waiting.png (todolistme.net)	None	1 KB
/images/top_sync.png (todolistme.net)	None	1 KB
/images/top_sync_on.png (todolistme.net)	None	1 KB
/images/top_sync_error.png (todolistme.net)	None	1 KB
/images/purge.png (todolistme.net)	None	1 KB
/images/arrow_down.png (todolistme.net)	None	1 KB
/images/arrow_up.png (todolistme.net)	None	1 KB
/images/top_new_window.png (todolistme.net)	None	1 KB
/images/print.png (todolistme.net)	None	1 KB
/images/top_saved.png (todolistme.net)	None	1 KB
/images/top_not_saved.png (todolistme.net)	None	1 KB
/images/category_down.png (todolistme.net)	None	1 KB
/images/category_up.png (todolistme.net)	None	1 KB
/images/info.png (todolistme.net)	None	1 KB
/images/addlist.png (todolistme.net)	None	1 KB
/images/adddivider.png (todolistme.net)	None	1 KB
/images/copy.png (todolistme.net)	None	0 KB
/images/sort_order.png (todolistme.net)	None	0 KB
/images/delete.gif (todolistme.net)	None	0 KB
/en_US/all.js (connect.facebook.net)	20 m	2 KB
/widgets.js (platform.twitter.com)	30 m	29 KB
/ga.js (www.google-analytics.com)	2 h	17 KB

Minimize Critical Requests Depth  $\,-\,$  13 chains found

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

Maximum critical path latency: 1,270 ms

Initial Navigation

http://todolistme.net

/css?family=Abel|Architects+Daughter (fonts.googleapis.com) - 40 ms, 0.85 KB

...smoothness/jquery-ui.css (code.jquery.com) - 120 ms, 6.32 KB

/css/style\_g.css (todolistme.net) - 140 ms, 7.22 KB

/pagead/show\_ads.js (pagead2.googlesyndication.com) - 90 ms, 29.29 KB

/widgets.js (platform.twitter.com) - 50 ms, 28.65 KB

/en\_US/all.js (connect.facebook.net)

/en\_US/all.js (connect.facebook.net) - 130 ms, 2.24 KB

/jquery-2.2.4.min.js (code.jquery.com) - 70 ms, 34.44 KB

...1.12.1/jquery-ui.js (code.jquery.com) - 160 ms, 121.96 KB

/javascript/lists.js (todolistme.net) - 170 ms, 9.87 KB

/javascript/lib.js (todolistme.net) - 170 ms, 1.7 KB

/javascript/javascript\_e.js (todolistme.net) - 200 ms, 10.05 KB

...v10/KtkxAKiDZ....woff2 (fonts.gstatic.com) - 60 ms, 13.21 KB

...v10/MwQ5bhbm2....woff2 (fonts.gstatic.com) - 60 ms, 9.73 KB

Keep request counts low and transfer sizes small — 58 requests • 704 KB

To set budgets for the quantity and size of page resources, add a budget.json file. Learn more.

Resource Type	Requests	Transfer Size
Total	58	704 KB
Script	17	501 KB
Image	26	160 KB
Font	2	23 KB
Stylesheet	3	14 KB
Document	7	6 KB
Media	0	0 KB
Other	3	0 KB
Third-party	31	519 KB

Third-Party Usage — 6 Third-Parties Found

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 more</u>.

Third-Party	Size	Main Thread Time
Other Google APIs/SDKs	101 KB	1,506 ms
jQuery CDN	170 KB	1,088 ms
<u>Twitter</u>	32 KB	912 ms
<u>Facebook</u>	59 KB	659 ms
Google/Doubleclick Ads	114 KB	531 ms

Third-Party	Size	Main	Thread Tim
Google Analytics	17 KB		478 ms
sed audits (13)			
Properly size images — Potential savings of 5 KB			
Serve images that are appropriately-sized to save cellular data	a and improve load time. <u>Learn</u>	more.	
		Show 3rd-party ro	<del>sources</del> (0
URL		Size	Potent Savin
/images/tick.png (todolistme.net)		6 KB	5 K
Defer offscreen images — Potential savings of 7 KB			
Consider lazy-loading offscreen and hidden images after all crinteractive. <u>Learn more</u> .	ritical resources have finished lo	ading to lower time t	to
	•	Show 3rd party re	esources (1
URL		Size	Poteni Savin
images/ui-icons_222222_256x240.png (code.jque	ery.com)	7 KB	7 K
Minify CSS			
Minifying CSS files can reduce network payload sizes. <u>Learn r</u>	more.		
Remove unused CSS — Potential savings of 9 KB			
Remove dead rules from stylesheets and defer the loading of unnecessary bytes consumed by network activity. <u>Learn more</u>		d content to reduce	
	•	Show 3rd-party re	sources (
URL		Size	Poten Savin
smoothness/jquery-ui.css (code.jquery.com)		6 KB	6 K
/css/style_g.css (todolistme.net)		7 KB	3 K
Efficiently encode images			
Optimized images load faster and consume less cellular data.	<u>Learn more</u> .		
Enable text compression			
Text-based resources should be served with compression (gzi more.	ip, deflate or brotli) to minimize t	otal network bytes. <u>I</u>	<u>Learn</u>
Server response times are low (TTFB) — Root document too	ok 510 ms		

Time To First Byte identifies the time at which your server sends a response. Learn more.

Avoid multiple page redirects

Redirects introduce additional delays before the page can be loaded. Learn more.

Preload key requests

Consider using <link rel=preload> to prioritize fetching resources that are currently requested later in page load. <u>Learn</u> more.

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. <u>Learn more</u>

Avoids enormous network payloads — Total size was 702 KB

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

✓ Show 3rd-party resources (9)

URL	Size
/images/texture.png (todolistme.net)	129 KB
1.12.1/jquery-ui.js (code.jquery.com)	122 KB
r20190131/show_ads_impl_fy2019.js (pagead2.googlesyndication.com)	85 KB
/en_US/all.js?hash=735bc15&ua=modern_es6 (connect.facebook.net)	57 KB
rs=AGLTcCOaA/cb=gapi.loaded_0 (apis.google.com)	49 KB
/jquery-2.2.4.min.js (code.jquery.com)	34 KB
rs=AGLTcCOaA/cb=gapi.loaded_1 (apis.google.com)	34 KB
/pagead/show_ads.js (pagead2.googlesyndication.com)	29 KB
/widgets.js (platform.twitter.com)	29 KB
/js/plusone.js (apis.google.com)	18 KB

Avoids an excessive DOM size — 357 elements

Browser engineers recommend pages contain fewer than ~1,500 DOM elements. The sweet spot is a tree depth < 32 elements and fewer than 60 children/parent element. A large DOM can increase memory usage, cause longer <u>style</u> <u>calculations</u>, and produce costly <u>layout reflows</u>. <u>Learn more</u>.

Statistic	Element	Value
Total DOM Elements		357
Maximum DOM Depth	<pre><span class="listname" id="list_0"></span></pre>	13
Maximum Child Elements	<body></body>	15

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</u>.

a



# 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.

**Contrast** — These are opportunities to improve the legibility of your content.

Background and foreground colors do not have a sufficient contrast ratio. Low-contrast text is difficult or impossible for many users to read. Learn more. Failing Elements h3 Normal <a id="sort0" onclick="switch\_sort\_order(0);" title="Sort normally"</pre> class="current">Normal</a> Alphabetical <a id="sort1" onclick="switch\_sort\_order(1);" title="Sort Alphabetically"</pre> class="">Alphabetical</a> <a id="sort2" onclick="switch\_sort\_order(2);" title="Shuffle todo items"</pre> class="">Random</a> Top 3 <a id="sort3" onclick="switch\_sort\_order(3);" title="Sort normally but highlight first 3</pre> items" class="">Top 3</a> h3#tomorrowtitle.ui-droppable h3#latertitle.ui-droppable р а а a a a a

**Best practices** — These items highlight common accessibility best practices.

▲ [id] attributes on the page are not unique

The value of an id attribute must be unique to prevent other instances from being overlooked by assistive technologies. <u>Learn more</u>.

Failing Elements

span#later\_number

**Names and labels** — These are opportunities to improve the semantics of the controls in your application. This may enhance the experience for users of assistive technology, like a screen reader.

▲ <frame> or <iframe> elements do not have a title

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

Failing Elements

iframe#I0\_1577718400957

▲ Image elements do not 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</u>.

#### Failing Elements

```
img
<img src="./images/tick.png" id="logotick">
img
<img src="./images/top_new_window.png">
img
img
img
```

▲ Form elements do not have associated labels

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

## Failing Elements

input

input

input

input

input

input

Failing Elements

input

input#newtodo.newtodonormal

**Internationalization and localization** — These are opportunities to improve the interpretation of your content by users in different locales.

▲ <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. <u>Learn more</u>.

Failing Elements

html

Additional items to manually check (11) — These items address areas which an automated testing tool cannot cover. Learn ^ more in our guide on conducting an accessibility review.

Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. Learn more.  Interactive controls are keyboard focusable Custom interactive controls are keyboard focusable and display a focus indicator. Learn more.  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 more.  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 more.  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 more.  Custom controls have associated labels Custom interactive controls have associated labels, provided by aria-label or aria-labelledby. Learn more.  Custom controls have ARIA roles Custom interactive controls have appropriate ARIA roles. Learn more.  Visual order on the page follows DOM order DOM order matches the visual order, improving navigation for assistive technology. Learn more.		
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DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more</u> .	Custom interactive controls have appropriate ARIA roles. <u>Learn more</u> .	
	Visual order on the page follows DOM order	^
Offscreen content is hidden from assistive technology	DOM order matches the visual order, improving navigation for assistive technology. <u>Learn more</u> .	
	Offscreen content is hidden from assistive technology	^

Offscreen content is hidden with display: none or aria-hidden=true. Learn more.

Headings don't skip levels		^
Headings are used to creat	e an outline for the page and heading levels are not skipped. <u>Learn more</u> .	
HTML5 landmark elements	are used to improve navigation	^
Landmark elements ( <mair <u>Learn more</u>.</mair 	i>, <nav>, etc.) are used to improve the keyboard navigation of the page for assistive technology</nav>	<i>/</i> .
Passed audits (6)		^
The page contains a headi	ng, skip link, or landmark region	^
Adding ways to bypass rep	etitive content lets keyboard users navigate the page more efficiently. <u>Learn more</u> .	
Document has a <title>&lt;/td&gt;&lt;td&gt;element&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;The title gives screen reade page is relevant to their sea&lt;/td&gt;&lt;td&gt;er users an overview of the page, and search engine users rely on it heavily to determine if a arch. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Links have a discernible na&lt;/td&gt;&lt;td&gt;me&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;·&lt;/td&gt;&lt;td&gt;for images, when used as links) that is discernible, unique, and focusable improves the creen reader users. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Lists contain only &lt;li&gt;ele&lt;/td&gt;&lt;td&gt;ments and script supporting elements (&lt;script&gt; and &lt;template&gt;).&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Screen readers have a spemore.&lt;/td&gt;&lt;td&gt;cific way of announcing lists. Ensuring proper list structure aids screen reader output. &lt;u&gt;Learn&lt;/u&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;List items (&lt;li&gt;) are conta&lt;/td&gt;&lt;td&gt;ined within &lt;ul&gt; or &lt;ol&gt; parent elements&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Screen readers require list more.&lt;/td&gt;&lt;td&gt;items (`&lt;li&gt;') to be contained within a parent `&lt;ul&gt;` or `&lt;ol&gt;` to be announced properly. Learn&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;No element has a [tabino&lt;/td&gt;&lt;td&gt;dex] value greater than 0&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;ies an explicit navigation ordering. Although technically valid, this often creates frustrating rely on assistive technologies. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Not applicable (23)&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;[accesskey] values are&lt;/td&gt;&lt;td&gt;unique&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Access keys let users quick&lt;/td&gt;&lt;td&gt;kly focus a part of the page. For proper navigation, each access key must be unique. &lt;u&gt;Learn more&lt;/u&gt;&lt;/td&gt;&lt;td&gt;&lt;u&gt;2&lt;/u&gt;.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;[aria-*] attributes match&lt;/td&gt;&lt;td&gt;their roles&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Each ARIA `role` supports more.&lt;/td&gt;&lt;td&gt;a specific subset of `aria-*` attributes. Mismatching these invalidates the `aria-*` attributes. &lt;u&gt;Learr&lt;/u&gt;&lt;/td&gt;&lt;td&gt;1&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;[role]s have all required&lt;/td&gt;&lt;td&gt;[aria-*] attributes&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Some ARIA roles have req&lt;/td&gt;&lt;td&gt;uired attributes that describe the state of the element to screen readers. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Elements with [role] that&lt;/td&gt;&lt;td&gt;require specific children [role]s, are present&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>		

Some ARIA parent roles must contain specific child roles to perform their intended accessibility functions. Learn more. [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. [role] values are valid ARIA roles must have valid values in order to perform their intended accessibility functions. Learn more. [aria-\*] attributes have valid values Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid values. Learn more. [aria-\*] attributes are valid and not misspelled Assistive technologies, like screen readers, can't interpret ARIA attributes with invalid names. Learn more. <audio> elements contain a <track> element with [kind="captions"] Captions make audio elements usable for deaf or hearing-impaired users, providing critical information such as who is talking, what they're saying, and other non-speech information. Learn more. 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 more. <dl>'s contain only properly-ordered <dt> and <dd> groups, <script> or <template> elements. When definition lists are not properly marked up, screen readers may produce confusing or inaccurate output. Learn more. 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 more. <html> element has a valid value for its [lang] attribute Specifying a valid BCP 47 language helps screen readers announce text properly. Learn more. <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 more. Presentational elements avoid using , <caption> or the [summary] attribute. A table being used for layout purposes should not include data elements, such as the th or caption elements or the summary attribute, because this can create a confusing experience for screen reader users. Learn more. 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. [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</u>.

<object> elements have [alt] text

Screen readers cannot translate non-text content. Adding alt text to `<object>` elements helps screen readers convey meaning to users. <u>Learn more</u>.

Cells in a element that use the [headers] attribute only refer to other cells of that 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.

> 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. <u>Learn more</u>.

[lang] attributes have a valid value

Specifying a valid <u>BCP 47 language</u> on elements helps ensure that text is pronounced correctly by a screen reader. <u>Learn</u> more.

<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.

<video> elements contain a <track> element with [kind="description"]

Audio descriptions provide relevant information for videos that dialogue cannot, such as facial expressions and scenes. Learn more.



# **Best Practices**

▲ Does not use HTTPS — 40 insecure requests found

All sites should be protected with HTTPS, even ones that don't handle sensitive data. 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</u>.

✓ Show 3rd-party resources (13)

Insecure URL

http://todolistme.net

/css?family=Abel|Architects+Daughter (fonts.googleapis.com)

...smoothness/jquery-ui.css (code.jquery.com)

/css/style\_g.css (todolistme.net)

/images/tick.png (todolistme.net)

```
Insecure URL
/images/top_not_saved.png (todolistme.net)
/images/top_sync.png (todolistme.net)
/images/top_new_window.png (todolistme.net)
/images/adddivider.png (todolistme.net)
/images/addlist.png (todolistme.net)
/images/info.png (todolistme.net)
/pagead/show_ads.js (pagead2.googlesyndication.com)
/images/print.png (todolistme.net)
/images/sort_order.png (todolistme.net)
/images/purge.png (todolistme.net)
/images/arrow_down.png (todolistme.net)
/widgets.js (platform.twitter.com)
/en_US/all.js (connect.facebook.net)
/images/undo.png (todolistme.net)
/jquery-2.2.4.min.js (code.jquery.com)
 ...1.12.1/jquery-ui.js (code.jquery.com)
/javascript/lists.js (todolistme.net)
/javascript/lib.js (todolistme.net)
/javascript/javascript_e.js (todolistme.net)
/ga.js (www.google-analytics.com)
/images/texture.png (todolistme.net)
 ...v10/KtkxAKiDZ....woff2 (fonts.gstatic.com)
 ...v10/MwQ5bhbm2....woff2 (fonts.gstatic.com)
/images/top_sync_on.png (todolistme.net)
/images/top sync error.png (todolistme.net)
/images/top_sync_waiting.png (todolistme.net)
/images/arrow_up.png (todolistme.net)
/images/category_up.png (todolistme.net)
/images/category_down.png (todolistme.net)
/__utm.gif?utmwv=... (www.google-analytics.com)
 ...images/ui-bg_flat_75_ffffff_40x100.png (code.jquery.com)
 ...images/ui-icons 222222 256x240.png (code.jquery.com)
/images/top saved.png (todolistme.net)
```

Insecure URL

/images/copy.png (todolistme.net)

/images/delete.gif (todolistme.net)

## ▲ Does not use HTTP/2 for all of its resources — 27 requests not served via HTTP/2

HTTP/2 offers many benefits over HTTP/1.1, including binary headers, multiplexing, and server push. Learn more.

Show 3rd-party resources (0)

URL	Protocol
http://todolistme.net	http/1.1
/css/style_g.css (todolistme.net)	http/1.1
/images/tick.png (todolistme.net)	http/1.1
/images/top_not_saved.png (todolistme.net)	http/1.1
/images/top_sync.png (todolistme.net)	http/1.1
/images/top_new_window.png (todolistme.net)	http/1.1
/images/adddivider.png (todolistme.net)	http/1.1
/images/addlist.png (todolistme.net)	http/1.1
/images/info.png (todolistme.net)	http/1.1
/images/print.png (todolistme.net)	http/1.1
/images/sort_order.png (todolistme.net)	http/1.1
/images/purge.png (todolistme.net)	http/1.1
/images/arrow_down.png (todolistme.net)	http/1.1
/images/undo.png (todolistme.net)	http/1.1
/javascript/lists.js (todolistme.net)	http/1.1
/javascript/lib.js (todolistme.net)	http/1.1
/javascript/javascript_e.js (todolistme.net)	http/1.1
/images/texture.png (todolistme.net)	http/1.1
/images/top_sync_on.png (todolistme.net)	http/1.1
/images/top_sync_error.png (todolistme.net)	http/1.1
/images/top_sync_waiting.png (todolistme.net)	http/1.1
/images/arrow_up.png (todolistme.net)	http/1.1
/images/category_up.png (todolistme.net)	http/1.1
/images/category_down.png (todolistme.net)	http/1.1
/images/top_saved.png (todolistme.net)	http/1.1
/images/copy.png (todolistme.net)	http/1.1
/images/delete.gif (todolistme.net)	http/1.1

Includes front-end JavaScript lib	raries with known security vulnerabilitie	<ul> <li>2 vulnerabilities detected</li> </ul>	
·	•	are easily identified and exploited by attack	ers.
<u>Learn more</u> .			
Library Version	Vulnerability Count	Highest Severity	
<u>jQuery@2.2.4</u>	2	Medium	
Browser errors were logged to the	ne console		
Errors logged to the console ind concerns.	icate unresolved problems. They can c	ome from network request failures and other	browser
		Show 3rd-party res	<del>ources</del> (1
URL		Description	
/pagead/show_ads.js (pagead2	.googlesyndication.com)	М	
ssed audits (11)			
Avoids Application Cache			
Application Cache is deprecated	. <u>Learn more</u> .		
Uses passive listeners to improv			
Uses passive listeners to improv	re scrolling performance	improve your page's scroll performance. <u>Lea</u>	arn more
Uses passive listeners to improv	re scrolling performance	improve your page's scroll performance. <u>Lea</u>	ırn more
Uses passive listeners to improve Consider marking your touch an Avoids document.write()	re scrolling performance d wheel event listeners as `passive` to	improve your page's scroll performance. Lea	
Uses passive listeners to improve Consider marking your touch an Avoids document.write()  For users on slow connections,	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via		
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations.	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via		tens of
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations.  Add `rel="noopener"` or `rel="noopener"	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via  s are safe  preferrer"` to any external links to impro-	`document.write()` can delay page load by	tens of
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations. Add `rel="noopener"` or `rel="noopener" or `rel="noopener". Avoids requesting the geolocations.	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via  s are safe  preferrer"` to any external links to improve	`document.write()` can delay page load by	tens of
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations. Add `rel="noopener"` or `rel="noopener" or `rel="noopener". Avoids requesting the geolocation of the confidence of the c	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via  s are safe  preferrer"` to any external links to improve	c'document.write()` can delay page load by the control of the cont	tens of
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations Add `rel="noopener"` or `rel="noopener" or	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via  s are safe  referrer"` to any external links to impro- on permission on page load  sed by sites that request their location	c'document.write()` can delay page load by the control of the cont	tens of bilities.
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations Add `rel="noopener"` or `rel="noopener" or	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via  s are safe  referrer"` to any external links to impro- on permission on page load  sed by sites that request their location	c'document.write()` can delay page load by the very performance and prevent security vulnerate without context. Consider tying the request to	tens of bilities.
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations: Add `rel="noopener"` or `rel="noopener" or	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via  s are safe  referrer"` to any external links to improve on permission on page load  sed by sites that request their location of	c'document.write()` can delay page load by the very performance and prevent security vulnerate without context. Consider tying the request to	tens of bilities.
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations. Add `rel="noopener"` or `rel="noopener" or	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via  s are safe  referrer"` to any external links to improve on permission on page load  sed by sites that request their location of	c'document.write()` can delay page load by the very performance and prevent security vulnerate without context. Consider tying the request to	tens of bilities.
Uses passive listeners to improve Consider marking your touch and Avoids document.write()  For users on slow connections, seconds. Learn more.  Links to cross-origin destinations Add `rel="noopener"` or `rel="noopener" or	re scrolling performance  d wheel event listeners as `passive` to  external scripts dynamically injected via  s are safe  referrer"` to any external links to improve on permission on page load  sed by sites that request their location of	c'document.write()` can delay page load by the very performance and prevent security vulnerate without context. Consider tying the request to de. Read more on the MDN Web Docs page	tens of bilities.

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.

Avoids deprecated APIs

Deprecated APIs will eventually be removed from the browser. Learn more.

Allows users to paste into password fields

Preventing password pasting undermines good security policy. Learn more.



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

These checks ensure that your page is optimized for search engine results ranking. There are additional factors Lighthouse does not check that may affect your search ranking. <u>Learn more</u>.

**Mobile Friendly** — Make sure your pages are mobile friendly so users don't have to pinch or zoom in order to read the content pages. <u>Learn more</u>.

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

Add a viewport meta tag to optimize your app for mobile screens. <u>Learn more</u>.

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

▲ Image elements do not 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</u>.

### Failing Elements

```
img
<img src="./images/tick.png" id="logotick">
img
<img src="./images/top_new_window.png">
img
img
img
```

Additional items to manually check (1) — Run these additional validators on your site to check additional SEO best practices.	^
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</u> .	
Passed audits (7)	^
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 page is relevant to their search. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;Į.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Document has a meta description&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Meta descriptions may be included in search results to concisely summarize page content. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Page has successful HTTP status code&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Pages with unsuccessful HTTP status codes may not be indexed properly. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Links have descriptive text&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Descriptive link text helps search engines understand your content. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Page isn't blocked from indexing&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Search engines are unable to include your pages in search results if they don't have permission to crawl them. &lt;u&gt;Learn m&lt;/u&gt;&lt;/td&gt;&lt;td&gt;ore.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Document has a valid hreflang&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;hreflang links tell search engines what version of a page they should list in search results for a given language or region&lt;br&gt;&lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;1.&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Document avoids plugins&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Search engines can't index plugin content, and many devices restrict plugins or don't support them. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Not applicable (4)&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;robots.txt is valid&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;If your robots.txt file is malformed, crawlers may not be able to understand how you want your website to be crawled or indexed.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Document has a valid rel=canonical&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Canonical links suggest which URL to show in search results. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Document uses legible font sizes&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Font sizes less than 12px are too small to be legible and require mobile visitors to "pinch to zoom" in order to read. Striv have &gt;60% of page text ≥12px. &lt;u&gt;Learn more&lt;/u&gt;.&lt;/td&gt;&lt;td&gt;/e to&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;Tap targets are sized appropriately&lt;/td&gt;&lt;td&gt;^&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>	

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 more</u>.

**Runtime Settings** 

URL http://todolistme.net/

**Fetch time** Dec 30, 2019, 3:05 PM GMT

**Device** Emulated Desktop

**Network throttling** 150 ms TCP RTT, 1,638.4 Kbps throughput (Simulated)

**CPU throttling** 4x slowdown (Simulated)

User agent (host) Mozilla/5.0 (X11; Linux x86\_64) AppleWebKit/537.36 (KHTML, like Gecko)

Chrome/78.0.3904.108 Safari/537.36

User agent (network) Mozilla/5.0 (Macintosh; Intel Mac OS X 10\_13\_6) AppleWebKit/537.36 (KHTML,

like Gecko) Chrome/74.0.3694.0 Safari/537.36 Chrome-Lighthouse

CPU/Memory Power 384

Generated by Lighthouse 5.2.0 | File an issue