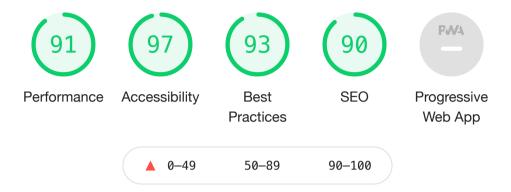


https://retrodome.herokuapp.com/products/





Performance

Metrics			=
First Contentful Paint	1.0 s	Time to Interactive	1.2 s
Speed Index	1.0 s	Total Blocking Time	0 ms
Largest Contentful Paint	1.3 s	Cumulative Layout Shift	0.165

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





















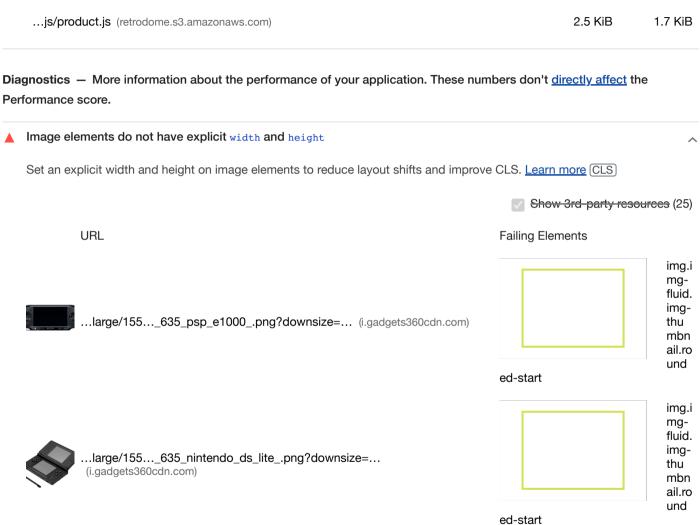


Show audits relevant to: All FCP LCP TBT CLS

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

portunity	Estim	ated Savings
Eliminate render-blocking resources		0.5 s ^
Resources are blocking the first paint of your page. Consider delivering critical JS/styles. Learn more. FCP LCP	S/CSS inline and deferring all no	on-critical
	Show 3rd-party r	resources (8)
URL	Transfer Size	Potentia Savings
css/base.css (retrodome.s3.amazonaws.com)	4.6 KiB	220 ms
css/bootstrap.min.css (cdn.jsdelivr.net)	24.6 KiB	290 ms
css/products.css (retrodome.s3.amazonaws.com)	0.4 KiB	220 ms
/jquery-3.6.0.min.js (code.jquery.com)	30.4 KiB	380 ms
js/bootstrap.bundle.min.js (cdn.jsdelivr.net)	22.8 KiB	80 ms
/35a878bce2.js (kit.fontawesome.com)	4.0 KiB	220 ms
/v3/ (js.stripe.com)	63.9 KiB	440 ms
js/base.js (retrodome.s3.amazonaws.com)	1.1 KiB	220 ms
Enable text compression		0.16 s 🗸
Text-based resources should be served with compression (gzip, deflate or brotli) more. FCP LCP	to minimize total network bytes	. <u>Learn</u>
	Show 3rd-party r	esources (2)
URL	Transfer Size	Potentia Saving
/products/ (retrodome.herokuapp.com)	185.9 KiB	174.8 KiB

KiB
KiB
ential vings
a



URL Failing Elements img. card img-...large/154..._635_ps4_slim_db.jpg?downsize=... (i.gadgets360cdn.com) top.i mg-fluid. imgthumbnail img. card img-...large/154..._635_ps4_slim_db.jpg?downsize=... (i.gadgets360cdn.com) top.i mg-fluid. imgthumbnail img. card img-...large/154..._635_ps4_slim_db.jpg?downsize=... (i.gadgets360cdn.com) top.i mgfluid. imgthumbnail img.i mgfluid. img-...large/154..._635_playstation_db.jpg?downsize=... (i.gadgets360cdn.com) thu mbn ail.ro und ed-start

URL Failing Elements img.i mgfluid. img-...large/155....jpg?downsize=... (i.gadgets360cdn.com) thu mbn ail.ro und ed-start img. card img-...large/155..._635_xbox_one_s_all_digital_edition.jpg?downsize=... top.i (i.gadgets360cdn.com) mgfluid. imgthumbnail img. card img-...large/155..._635_xbox_one_s_all_digital_edition.jpg?downsize=... top.i (i.gadgets360cdn.com) mgfluid. imgthumbnail img. card img-...large/155..._635_xbox_one_s_all_digital_edition.jpg?downsize=... top.i (i.gadgets360cdn.com) mgfluid. imgthumbnail

URL Failing Elements img. card img-...large/155....jpg?downsize=... (i.gadgets360cdn.com) top.i mg-fluid. imgthumbnail img. card img-...large/155....jpg?downsize=... (i.gadgets360cdn.com) top.i mg-fluid. imgthumbnail img.i mgfluid. img-...large/154..._635_ps_one_db.jpg?downsize=... (i.gadgets360cdn.com) thu mbn ail.ro und ed-start img.i mg-fluid. img-...large/155....jpg?downsize=... (i.gadgets360cdn.com) thu mbn

ail.ro und

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URL Failing Elements img.i mgfluid. img-...large/155..._635_ps_vita_slim.jpg?downsize=... (i.gadgets360cdn.com) thu mbn ail.ro und ed-start img.i mgfluid. img-...large/155....jpg?downsize=... (i.gadgets360cdn.com) thu mbn ail.ro und ed-start img.i mgfluid. img-...large/155....jpg?downsize=... (i.gadgets360cdn.com) thu mbn ail.ro und ed-start img. card img-...large/154..._635_nintendo_wii_u_db.jpg?downsize=... (i.gadgets360cdn.com)

top.i mgfluid. img-

thumbnail

URL Failing Elements img.i mgfluid. img-...large/155....jpg?downsize=... (i.gadgets360cdn.com) thu mbn ail.ro und ed-start img.i mgfluid. img-...large/155....jpg?downsize=... (i.gadgets360cdn.com) thu mbn ail.ro und ed-start img.i mgfluid. img-...large/155..._635_game_boy_micro.jpg?downsize=... thu (i.gadgets360cdn.com) mbn ail.ro und ed-start img. card img-...large/154..._635_nintendo_2ds.jpg?downsize=... (i.gadgets360cdn.com) top.i mg-fluid. imgthumbnail

URL Failing Elements img. card img-...large/154..._635_nintendo_gamecube_db.jpg?downsize=... (i.gadgets360cdn.com) top.i mgfluid. imgthumbnail img. card img-...large/154..._635_ps4_pro_db.jpg?downsize=... (i.gadgets360cdn.com) top.i mgfluid. imgthumbnail img. card img-...large/Xbox-seri....jpg?downsize=... (i.gadgets360cdn.com) top.i mgfluid. imgthumbnail Avoid an excessive DOM size - 2,330 elements ^ A large DOM will increase memory usage, cause longer style calculations, and produce costly layout reflows. Learn more. (TBT) Element Statistic Value **Total DOM Elements** 2,330 Maximum DOM Depth th.fs-5.text-yellow 16

Statistic	Element		Value
Maximum Child Elements	div.row.row-cols-1.row-cols-md-3.g-4.justify	r-content-center	38
Serve static assets with an efficient	ent cache policy — 5 resources found		^
A long cache lifetime can speed u	ip repeat visits to your page. Learn more.		
		Show 3rd-party	resources (5)
URL		Cache TTL	Transfer Size
/v3/ (js.stripe.com)		1 m	64 KiB
js/m-outer-6391740js (js.str	ipe.com)	1 m	1 KiB
/out-4.5.41.js (m.stripe.network)		5 m	31 KiB
large/155635_nintendo_ds	_litepng?downsize= (i.gadgets360cdn.com)	72 d 18 h 56 m 51 s	104 KiB
large/155635_psp_e1000	png?downsize= (i.gadgets360cdn.com)	72 d 18 h 57 m 15 s	149 KiB
Avoid chaining critical requests	- 11 chains found		^

Avoid chaining critical requests — 11 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 more. FCP LCP

Maximum critical path latency: 570 ms

Initial Navigation

/products/ (retrodome.herokuapp.com)

...css/base.css (retrodome.s3.amazonaws.com)

/css2?family=Monoton&display=swap (fonts.googleapis.com)

...v10/5h1aiZUrO....woff2 (fonts.gstatic.com) - 20 ms, 16.18 KiB

/css2?family=Geo&display=swap (fonts.googleapis.com)

...v14/CSRz4zRZI....woff2 (fonts.gstatic.com) - 20 ms, 4.26 KiB

...css/bootstrap.min.css (cdn.jsdelivr.net) - 40 ms, 24.65 KiB

...css/products.css (retrodome.s3.amazonaws.com) - 70 ms, 0.45 KiB

...webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com) - 110 ms, 75.79 KiB

...webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com) - 130 ms, 77.13 KiB

/jquery-3.6.0.min.js (code.jquery.com) - 90 ms, 30.39 KiB

...js/bootstrap.bundle.min.js (cdn.jsdelivr.net) - 30 ms, 22.85 KiB

/35a878bce2.js (kit.fontawesome.com) - 30 ms, 3.97 KiB

/v3/ (js.stripe.com) - 20 ms, 63.94 KiB

...js/base.js (retrodome.s3.amazonaws.com) - 110 ms, 1.07 KiB

Keep request counts low and transfer sizes small - 44 requests • 882 KiB

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

Resource Type	Requests	Transfer Size
Total	44	882.3 KiB
Image	20	313.7 KiB
Document	3	188.0 KiB
Font	4	173.4 KiB
Script	8	157.5 KiB
Stylesheet	5	30.5 KiB
Other	4	19.3 KiB
Media	0	0.0 KiB

Resource Type	Requests	Transfer Size
Third-party	43	696.0 KiB
Largest Contentful Paint	t element - 1 element found	^
This is the largest conten	tful element painted within the viewport. <u>Learn More</u> <u>LCP</u>	
Element		
	img.card-img-top.img-fluid.img-thumbnail	
Avoid large layout shifts	- 5 elements found	^
These DOM elements con	ntribute most to the CLS of the page. CLS	
Element		CLS Contribution
	h1.pt-5.pb-3.text-center	
		0.035
	div#navbarTogglerDemo02.collapse.navbar-collapse	
		0.021

Element		CLS	6 Contribution
	div.card-body.accoridan-item		
			0.02
	div.card-body.accoridan-item		
			0.02
	div.card-body.accoridan-item		
			0.02
ssed audits (28)			
Properly size images — Po	otential savings of 223 KiB		/
	otential savings of 223 KiB opriately-sized to save cellular data and improve load time. <u>Learn m</u>	<u>10re</u> .	/
		nore. Show 3rd-party r	
Serve images that are appro		Show 3rd-party r	resources (2) Potenti

Defer offscreen images			^
Consider lazy-loading offscreen and hidden images after all critical resources have fin interactive. <u>Learn more</u> .	ished loading to lowe	er time to	
Minify CSS			^
Minifying CSS files can reduce network payload sizes. <u>Learn more</u> . FCP <u>LCP</u>			
Minify JavaScript			^
Minifying JavaScript files can reduce payload sizes and script parse time. Learn more	. FCP LCP		
Reduce unused CSS — Potential savings of 34 KiB			^
Reduce unused rules from stylesheets and defer CSS not used for above-the-fold cornetwork activity. <u>Learn more</u> . FCP <u>LCP</u>	ntent to decrease byte	es consumed l	οу
	✓ Show 3rd-r	party resources	s (1)
	_	far Date	entia
URL	Trans S		
URLcss/bootstrap.min.css (cdn.jsdelivr.net)		size Sav	vings
	24.61	Size Sav KiB 22.2	ving: KiB
css/bootstrap.min.css (cdn.jsdelivr.net) /*! * Font Awesome Free 5.15.4 by @fontawesome - https://fontawesome.com * License - https://fonta	24.61	Size Sav KiB 22.2	ving: KiB KiB
css/bootstrap.min.css (cdn.jsdelivr.net) /*! * Font Awesome Free 5.15.4 by @fontawesome - https://fontawesome.com *	24.6 I	Size Sav KiB 22.2 KiB 11.9	ving: KiB KiB
css/bootstrap.min.css (cdn.jsdelivr.net) /*! * Font Awesome Free 5.15.4 by @fontawesome - https://fontawesome.com * License - https://fonta Reduce unused JavaScript — Potential savings of 71 KiB Reduce unused JavaScript and defer loading scripts until they are required to decrease.	24.6 I 12.0 I se bytes consumed b	Size Sav KiB 22.2 KiB 11.9	KiB KiB
css/bootstrap.min.css (cdn.jsdelivr.net) /*! * Font Awesome Free 5.15.4 by @fontawesome - https://fontawesome.com * License - https://fonta Reduce unused JavaScript — Potential savings of 71 KiB Reduce unused JavaScript and defer loading scripts until they are required to decrease	24.6 I 12.0 I se bytes consumed b Show 3rd I Trans	Size Sav Size Sav SiB 22.2 SiB 11.9 y network party resources sfer Pote	ving: KiB KiB
css/bootstrap.min.css (cdn.jsdelivr.net) /*! * Font Awesome Free 5.15.4 by @fontawesome - https://fontawesome.com * License - https://fonta Reduce unused JavaScript — Potential savings of 71 KiB Reduce unused JavaScript and defer loading scripts until they are required to decrease activity. Learn more. LCP	24.6 I 12.0 I se bytes consumed b Show 3rd I Trans	Size Sav Size Sav Size Sav	vings KiB KiB

Optimized images load faster and consume less cellular data. Learn more.

Serve images in next-gen formats — Potential savings of 220 KiB		^
Image formats like WebP and AVIF often provide better compression than PNG or JPEG, wh and less data consumption. <u>Learn more</u> .	ich means faster do	wnloads
	Show 3rd-party I	resources (2)
URL	Resource Size	Potential Savings
large/155635_psp_e1000png?downsize= (i.gadgets360cdn.com)	148.8 KiB	134.4 KiB
large/155635_nintendo_ds_litepng?downsize= (i.gadgets360cdn.com)	103.7 KiB	85.2 KiB
Preconnect to required origins		^
Consider adding `preconnect` or `dns-prefetch` resource hints to establish early connections origins. <u>Learn more</u> . FCP <u>LCP</u>	to important third-p	arty
Initial server response time was short — Root document took 120 ms		^
Keep the server response time for the main document short because all other requests depe	nd on it. <u>Learn more</u>	e. FCP
	Show 3rd-party I	resources (0)
URL		Time Spent
/products/ (retrodome.herokuapp.com)		120 ms
Avoid multiple page redirects		^
Redirects introduce additional delays before the page can be loaded. <u>Learn more</u> . <u>FCP</u> <u>LCF</u>		
Preload key requests		^
Consider using ` <link rel="preload"/> ` to prioritize fetching resources that are currently requested more. FCP LCP	ed later in page load	. <u>Learn</u>

Use HTTP/2	^
HTTP/2 offers many benefits over HTTP/1.1, including binary headers and multiplexing. Learn	more.
Use video formats for animated content	^
Large GIFs are inefficient for delivering animated content. Consider using MPEG4/WebM video PNG/WebP for static images instead of GIF to save network bytes. <u>Learn more (LCP)</u>	os for animations and
Remove duplicate modules in JavaScript bundles	^
Remove large, duplicate JavaScript modules from bundles to reduce unnecessary bytes cons	sumed by network activity.
Avoid serving legacy JavaScript to modern browsers — Potential savings of 0 KiB	^
Polyfills and transforms enable legacy browsers to use new JavaScript features. However, ma modern browsers. For your bundled JavaScript, adopt a modern script deployment strategy usefeature detection to reduce the amount of code shipped to modern browsers, while retaining the Learn More (TBT)	using module/nomodule
	Show 3rd-party resources (1)
URL	Show 3rd-party resources (1) Potential Savings
URL	Potential Savings
URL Preload Largest Contentful Paint image	Potential Savings
URL Preload Largest Contentful Paint image Preload the image used by the LCP element in order to improve your LCP time. Learn more. (I	Potential Savings
URL Preload Largest Contentful Paint image Preload the image used by the LCP element in order to improve your LCP time. Learn more. (In the Avoids enormous network payloads — Total size was 882 KiB	Potential Savings
URL Preload Largest Contentful Paint image Preload the image used by the LCP element in order to improve your LCP time. Learn more. (In the Avoids enormous network payloads — Total size was 882 KiB	Potential Savings ^ LCP ^ Learn more. LCP
URL Preload Largest Contentful Paint image Preload the image used by the LCP element in order to improve your LCP time. Learn more. (In the Avoids enormous network payloads — Total size was 882 KiB Large network payloads cost users real money and are highly correlated with long load times.	Potential Savings ^ LCP ^ Learn more. LCP Show 3rd-party resources (9)
URL Preload Largest Contentful Paint image Preload the image used by the LCP element in order to improve your LCP time. Learn more. (I Avoids enormous network payloads — Total size was 882 KiB Large network payloads cost users real money and are highly correlated with long load times.	Potential Savings A LEARN MORE. LCP Show 3rd-party resources (9) Transfer Size

URL			Transfer Size
webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)			77.1 KiB
webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.co	m)		75.8 KiB
/v3/ (js.stripe.com)			63.9 KiB
/out-4.5.41.js (m.stripe.network)			31.0 KiB
/jquery-3.6.0.min.js (code.jquery.com)			30.4 KiB
css/bootstrap.min.css (cdn.jsdelivr.net)			24.6 KiB
js/bootstrap.bundle.min.js (cdn.jsdelivr.net)			22.8 KiB
User Timing marks and measures			^
Consider instrumenting your app with the User Timing API texperiences. <u>Learn more</u> .	to measure your app's re	eal-world performance dur	ing key user
JavaScript execution time - 0.0 s			^
Consider reducing the time spent parsing, compiling, and e with this. <u>Learn more</u> . (TBT)	xecuting JS. You may fir	nd delivering smaller JS pa	ayloads helps
		Show 3rd par	ty resources (0)
URL	Total CPU Time	Script Evaluation	Script Parse
/products/ (retrodome.herokuapp.com)	104 ms	2 ms	0 ms
Unattributable	79 ms	4 ms	0 ms
Minimizes main-thread work — 0.2 s			^
Consider reducing the time spent parsing, compiling and exwith this. Learn more TBT	kecuting JS. You may fin	d delivering smaller JS pa	yloads helps
Category			Time Spent

Category		Time Spent
Other		87 ms
Style & Layout		56 ms
Script Evaluation		33 ms
Rendering		26 ms
Parse HTML & CSS		14 ms
Script Parsing & Compilation		5 ms
All text remains visible during webfont loads		^
Leverage the font-display CSS feature to ensure text is user-visible wh	ile webfonts are loading.	Learn more. FCP LCP
Minimize third-party usage — Third-party code blocked the main the	nread for 0 ms	^
Third-party code can significantly impact load performance. Limit the load third-party code after your page has primarily finished loading. Le		d-party providers and try to
		Show 3rd-party resources (0)
Third-Party	Transfer Size	Main-Thread Blocking Time
Forthweeper CDN	170 K:D	0

Third-Party	Transfer Size	Main-Thread Blocking Time
FontAwesome CDN	176 KiB	0 ms
webfonts/free-fa-solid-900.woff2 (ka-f.fontawesome.com)	77 KiB	0 ms
webfonts/free-fa-brands-400.woff2 (ka-f.fontawesome.com)	76 KiB	0 ms
css/free.min.css?token=35a878bce2 (ka-f.fontawesome.com)	13 KiB	0 ms
Other resources	10 KiB	0 ms
Stripe	98 KiB	0 ms
/v3/ (js.stripe.com)	64 KiB	0 ms
/out-4.5.41.js (m.stripe.network)	31 KiB	0 ms
JSDelivr CDN	47 KiB	0 ms
css/bootstrap.min.css (cdn.jsdelivr.net)	25 KiB	0 ms
js/bootstrap.bundle.min.js (cdn.jsdelivr.net)	23 KiB	0 ms

Third-Party	Transfer Size	Main-Thread Blocking Time
jQuery CDN	30 KiB	0 ms
/jquery-3.6.0.min.js (code.jquery.com)	30 KiB	0 ms
Google Fonts	21 KiB	0 ms
v10/5h1aiZUrOwoff2 (fonts.gstatic.com)	16 KiB	0 ms
v14/CSRz4zRZIwoff2 (fonts.gstatic.com)	4 KiB	0 ms
Amazon Web Services	9 KiB	0 ms
css/base.css (retrodome.s3.amazonaws.com)	5 KiB	0 ms
Other resources	4 KiB	0 ms
Lazy load third-party resources with facades Some third-party embeds can be lazy loaded. Consider replacing then TBT	n with a facade until they	are required. <u>Learn more</u> .
Uses passive listeners to improve scrolling performance		^
Consider marking your touch and wheel event listeners as 'passive' to	improve your page's scre	oll performance. <u>Learn more</u> .
Avoids document.write()		^
For users on slow connections, external scripts dynamically injected v seconds. <u>Learn more</u> .	ia `document.write()` can	delay page load by tens of
Avoid long main-thread tasks		^
Lists the longest tasks on the main thread, useful for identifying worst	contributors to input dela	ay. <u>Learn more</u> (TBT)
Avoid non-composited animations		^
Animations which are not composited can be janky and increase CLS.	<u>Learn more</u> (CLS)	





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.

A	Background and foreground	I colors do not have a sufficient contrast ratio.	^
	Low-contrast text is difficult of	or impossible for many users to read. <u>Learn more</u> .	
	Failing Elements		
		a.text-decoration-none.text-white	
		a.text-decoration-none.text-white	
		a.text-decoration-none.text-white	

Failing Elements	
	a.text-decoration-none.text-white

Failing Elements	
	a.text-decoration-none.text-white

Failing Elements

Failing Elements a.text-decoration-none.text-white a.text-decoration-none.text-white a.text-decoration-none.text-white div.toast-body Navigation — These are opportunities to improve keyboard navigation in your application. Heading elements are not 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.

23/41

Failing Elements	
h5.card-title.text-light-blue	
h5.text-light-blue.pt-2	
ditional items to manually check (10) — These items address areas which an automated testing tool cannot cover. arn more in our guide on conducting an accessibility review.	^
The page has a logical tab order	^
Tabbing through the page follows the visual layout. Users cannot focus elements that are offscreen. <u>Learn more</u> .	
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. <u>Learn more</u> .	
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 more</u> .	
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. <u>Learn more</u>. Visual order on the page follows DOM order DOM order matches the visual order, improving navigation for assistive technology. Learn more. Offscreen content is hidden from assistive technology Offscreen content is hidden with display: none or aria-hidden=true. Learn more. 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. Passed audits (22) [aria-*] attributes match their roles Each ARIA 'role' supports a specific subset of 'aria-*' attributes. Mismatching these invalidates the 'aria-*' attributes. Learn more. [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 more. [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 more. [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. [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.	
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. <u>Learn more</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.	
Document has a <title> element</td><td>^</td></tr><tr><td>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</u>.</td><td></td></tr><tr><td>[id] attributes on active, focusable elements are unique</td><td>^</td></tr><tr><td>All focusable elements must have a unique 'id' to ensure that they're visible to assistive technologies. Learn more.</td><td></td></tr><tr><td>ARIA IDs are unique</td><td>^</td></tr><tr><td>The value of an ARIA ID must be unique to prevent other instances from being overlooked by assistive technologies. <u>Learn more</u>.</td><td></td></tr><tr><td><html> element has a [lang] attribute</td><td>^</td></tr><tr><td>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.</td><td></td></tr><tr><td><html> element has a valid value for its [lang] attribute</td><td>^</td></tr><tr><td>Specifying a valid <u>BCP 47 language</u> helps screen readers announce text properly. <u>Learn more</u>.</td><td></td></tr><tr><td>Image elements have [alt] attributes</td><td>^</td></tr></tbody></table></title>	

Informative elements should aim for short, descriptive alternate text. Decorative elements can be ignored with an empty alt attribute. Learn more. Form elements have associated labels Labels ensure that form controls are announced properly by assistive technologies, like screen readers. Learn more. Links have a discernible name \wedge 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 more. Lists contain only <1i> 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. List items (<1i>) are contained within <u1> or <o1> parent elements Screen readers require list items () to be contained within a parent '` or '` to be announced properly. 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. Learn more. 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. 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. Not applicable (20)

[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. button, link, and menuitem elements have accessible names \wedge 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 more. 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. ARIA meter 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 more. 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 more. 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. [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. 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. ARIA tooltip 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. <u>Learn more</u>.

ARIA treeitem 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. <u>Learn more</u>.

<dl>'s contain only properly-ordered <dt> and <dd> groups, <script>, <template> or <diy> 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. <u>Learn more</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 more</u>.

<frame> or <iframe> elements have a title

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

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</u>.

<object> elements have [alt] text

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

 \wedge

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. [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 more. <video> elements contain a <track> element with [kind="captions"] </wideo> when a video provides a caption it is easier for deaf and hearing impaired users to access its information. Learn more.



Best Practices

Trust and Safety

educes the risk of cross-site scriptin	g (XSS) attacks. <u>Learn more</u>	
Directive	Severity	
	High	
	·	

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.

Show 3rd-party resources (0)

 \wedge

Issue type

SameSite cookie

/v3/ (js.stripe.com)

/v3/m-outer-f790224....html (js.stripe.com)

...js/m-outer-6391740....js (js.stripe.com)

/6 (m.stripe.com)

Passed audits (16)

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</u>.

Links to cross-origin destinations are safe

Add `rel="noopener"` or `rel="noreferrer"` to any external links to improve performance and prevent security vulnerabilities. <u>Learn more</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</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</u>.

Avoids front-end JavaScript libraries with known security vulnerabilities	^
Some third-party scripts may contain known security vulnerabilities that are easily identified and exploited by attack Learn more.	kers.
Allows users to paste into password fields	^
Preventing password pasting undermines good security policy. Learn more.	
Displays images with correct aspect ratio	^
Image display dimensions should match natural aspect ratio. <u>Learn more</u> .	
Serves images with appropriate resolution	^
Image natural dimensions should be proportional to the display size and the pixel ratio to maximize image clarity. Lemore.	<u>earn</u>
Page has the HTML doctype	^
Specifying a doctype prevents the browser from switching to quirks-mode. <u>Learn more</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 the Content-Type HTTP response header. <u>Learn more</u> .	or in
Avoids unload event listeners	^
The `unload` event does not fire reliably and listening for it can prevent browser optimizations like the Back-Forward Consider using the `pagehide` or `visibilitychange` events instead. Learn more	I Cache.
Avoids Application Cache	^
Application Cache is deprecated. <u>Learn more</u> .	
Detected JavaScript libraries	^
All front-end JavaScript libraries detected on the page. <u>Learn more</u> .	
Name Version	

Name	Version
Bootstrap	5.1.0
jQuery	3.6.0
Avoids deprecated APIs	^
Deprecated APIs will eventually be removed from the broad	owser. <u>Learn more</u> .
No browser errors logged to the console	^
Errors logged to the console indicate unresolved problem browser concerns. <u>Learn more</u>	ms. They can come from network request failures and other
Page has valid source maps	^
	rce code. This helps developers debug in production. In addition, deploying source maps to take advantage of these benefits. Learn
	Show 3rd-party resources (1)
URL	Map URL
js/bootstrap.bundle.min.js (cdn.jsdelivr.net)	js/bootstrap.bundle.min.js.map (cdn.jsdelivr.net)
Not applicable (1)	^
Fonts with font-display: optional are preloaded	^
Preload `optional` fonts so first-time visitors may use the	em. <u>Learn more</u>



SEO

These checks ensure that your page is following basic search engine optimization advice. There are many additional factors Lighthouse does not score here that may affect your search ranking, including performance on Core Web Vitals. Learn more.

Crawling and Indexing — To appear in search results, crawlers need access to your app.

A	Links are not crawlable		^
		attributes on links to crawl websites. Ensure that the `href` attribute of anchor elements links so more pages of the site can be discovered. <u>Learn More</u>	
	Uncrawlable Link		
		a.text-decoration-none.text-white	
		a.text-decoration-none.text-white	
		a.text-decoration-none.text-white	

a.text-decoration-none.text-white
a.text-decoration-none.text-white
a.text-decoration-none.text-white
a.text-decoration-none.text-white
a.text-decoration-none.text-white

Uncrawlable Link

practices.

Uncrawlable Link	
	a.text-decoration-none.text-white
	a.text-decoration-none.text-white
	a.text-decoration-none.text-white
	a.text-decoration-none.text-white
	a.text-vibrant-green.text-uppercase.href=
	eck (1) — Run these additional validators on your site to check additional SEO best

36/41

Structured data is valid Run the Structured Data Testing Tool and the Structured Data Linter to validate structured data. Learn more. Passed audits (9) Has a <meta name="viewport"> tag with width or initial-scale Add a `<meta name="viewport">` tag to optimize your app for mobile screens. Learn more. 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. Document has a meta description Meta descriptions may be included in search results to concisely summarize page content. Learn more. Page has successful HTTP status code Pages with unsuccessful HTTP status codes may not be indexed properly. Learn more. Links have descriptive text Descriptive link text helps search engines understand your content. Learn more. Page isn't blocked from indexing Search engines are unable to include your pages in search results if they don't have permission to crawl them. Learn more. 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. 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. Learn more.

Document avoids plugins

Search engines can't index plugin content, and many devices restrict plugins or don't support them. Learn more.

Not applicable (4)

robots.txt is valid

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

Document has a valid rel=canonical

Canonical links suggest which URL to show in search results. 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 $\ge 12px$. Learn more.

Tap targets are sized appropriately

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>.



Progressive Web App

These checks validate the aspects of a Progressive Web App. Learn more.

Installable

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

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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. Learn more.

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</u>.

Does not redirect HTTP traffic to HTTPS.

If you've already set up HTTPS, make sure that you redirect all HTTP traffic to HTTPS in order to enable secure web features for all your users. <u>Learn more</u>.

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</u> more.

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. Learn more.

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 more</u>.

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

Add a `<meta name="viewport">` tag to optimize your app for mobile screens. Learn more.

A	Does not provide a valid apple-touch-icon	
	For ideal appearance on iOS when users add a progressive web app to the home screen, define an `apple-touch-icon`. It must point to a non-transparent 192px (or 180px) square PNG. <u>Learn More</u> .	
	Manifest doesn't have a maskable icon No manifest was fetched	
	A maskable icon ensures that the image fills the entire shape without being letterboxed when installing the app on a device Learn more.	e.
dc	ditional items to manually check (3) — These checks are required by the baseline PWA Checklist but are not omatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.	
	Site works cross-browser	
	To reach the most number of users, sites should work across every major browser. <u>Learn more</u> .	
	To reach the most number of users, sites should work across every major browser. Learn more. Page transitions don't feel like they block on the network	
		f
	Page transitions don't feel like they block on the network Transitions should feel snappy as you tap around, even on a slow network. This experience is key to a user's perception of	f

3

URL	https://retrodome.herokuapp.com/products/
Fetch Time	Nov 14, 2021, 11:31 PM GMT
Device	Emulated Desktop

Network throttling 40 ms TCP RTT, 10,240 Kbps throughput (Simulated)

CPU throttling 1x slowdown (Simulated)

Channel devtools

User agent (host) Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML,

like Gecko) Chrome/94.0.4606.81 Safari/537.36

User agent (network) Mozilla/5.0 (Macintosh; Intel Mac OS X 10_15_7) AppleWebKit/537.36 (KHTML,

like Gecko) Chrome/94.0.4590.2 Safari/537.36 Chrome-Lighthouse

CPU/Memory Power 2605

Axe version 4.2.3

Generated by Lighthouse 8.3.0 | File an issue