**58** Performance

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PWA

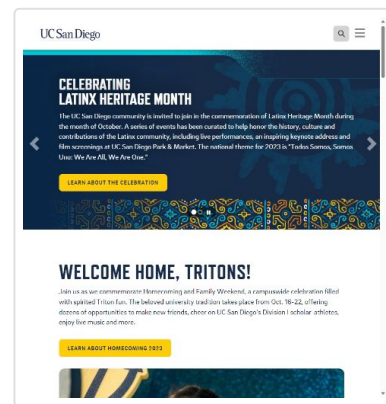There were issues affecting this run of Lighthouse:

- **Chrome extensions negatively affected this page's load performance. Try auditing the page in incognito mode or from a Chrome profile without extensions.**

**58**

# 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

**3.2 s**

▲ Largest Contentful Paint

**5.9 s**

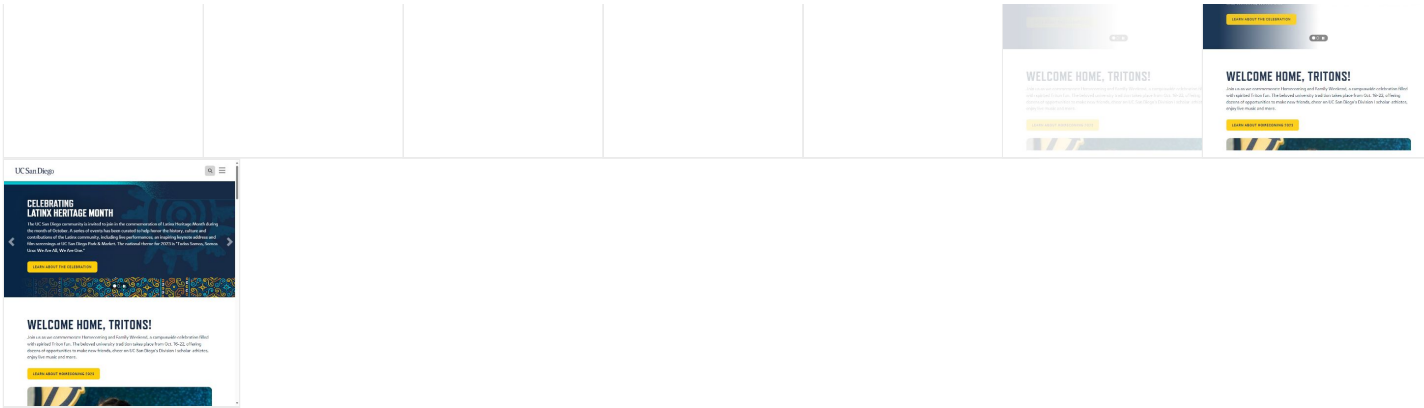Total Blocking Time

**0 ms**

Cumulative Layout Shift

**0**

▲ Speed Index

**3.6 s**

View Treemap          View Original Trace

## OPPORTUNITIES

| Opportunity | Estimated Savings |
|---|---|
| ▲ Serve images in next-gen formats | 2.60s ⌄ |
| ▲ Eliminate render-blocking resources | 2.53s ⌄ |
| ▲ Reduce unused CSS | 2.12s ⌄ |
| ▲ Efficiently encode images | 1.80s ⌄ |
| ▲ Properly size images | 1.36s ⌄ |
| ▲ Enable text compression | 1.20s ⌄ |
| Minify CSS | 0.60s ⌄ |
| Reduce unused JavaScript | 0.20s ⌄ |

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

## DIAGNOSTICS

| | |
|---|---|
| ▲ Avoid enormous network payloads  — Total size was 8,594 KiB | ⌄ |
| ▲ Serve static assets with an efficient cache policy  — 51 resources found | ⌄ |
| ▲ Ensure text remains visible during webfont load | ⌄ |
| ▲ Does not use passive listeners to improve scrolling performance | ⌄ |
| ▲ Avoid `document.write()` | ⌄ |

▲ Image elements do not have explicit `width` and `height` ⌄

◯ Avoid chaining critical requests — 17 chains found ⌄

◯ Keep request counts low and transfer sizes small — 63 requests • 8,579 KiB ⌄

◯ Largest Contentful Paint element — 5,890 ms ⌄

◯ Avoid long main-thread tasks — 7 long tasks found ⌄

More information about the performance of your application. These numbers don't [directly affect](#) the Performance score.

PASSED AUDITS (22)                                                    Show

73

# 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.

ARIA

▲ `[aria-*]` attributes do not match their roles ⌄

▲ Elements with an ARIA `[role]` that require children to contain a specific `[role]` are missing some or all of those required children. ⌄

▲ `[aria-*]` attributes do not have valid values ⌄

▲ `[aria-hidden="true"]` elements contain focusable descendents ⌄

▲ ARIA input fields do not have accessible names ⌄

These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

NAMES AND LABELS

⚠ Links do not have a discernible name                                          ⌄

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.

## TABLES AND LISTS

⚠ Lists do not contain only `<li>` elements and script supporting elements (`<script>` and `<template>`).   ⌄

These are opportunities to improve the experience of reading tabular or list data using assistive technology, like a screen reader.

## NAVIGATION

⚠ Heading elements are not in a sequentially-descending order                    ⌄

These are opportunities to improve keyboard navigation in your application.

ADDITIONAL ITEMS TO MANUALLY CHECK (10)                                    Show

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

PASSED AUDITS (18)                                                         Show

NOT APPLICABLE (27)                                                        Show

75

# Best Practices

## GENERAL

⚠ Uses deprecated APIs   — 1 warning found                                        ⌄

⚠ Browser errors were logged to the console                                      ⌄

⚠ Issues were logged in the `Issues` panel in Chrome Devtools                    ⌄

◎　Detected JavaScript libraries　⌄

## TRUST AND SAFETY

◎　Ensure CSP is effective against XSS attacks　⌄

PASSED AUDITS (10)　　　　　　　　　　　　　　　　　　　　Show

NOT APPLICABLE (1)　　　　　　　　　　　　　　　　　　　　Show

## 91

# 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 about Google Search Essentials](#).

## CONTENT BEST PRACTICES

▲　Links do not have descriptive text　— 6 links found　⌄

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

ADDITIONAL ITEMS TO MANUALLY CHECK (1)　　　　　　　　Show

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

PASSED AUDITS (10)　　　　　　　　　　　　　　　　　　　　Show

NOT APPLICABLE (3)　　　　　　　　　　　　　　　　　　　　Show

# PWA

These checks validate the aspects of a Progressive Web App. Learn what makes a good Progressive Web App.

## INSTALLABLE

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

## PWA OPTIMIZED

⚠ Does not register a service worker that controls page and `start_url` ⌄

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

⚠ Does not set a theme color for the address bar.
Failures: No manifest was fetched, No `<meta name="theme-color">` tag found. ⌄

◯ Content is sized correctly for the viewport ⌄

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

⚠ Manifest doesn't have a maskable icon No manifest was fetched ⌄

## ADDITIONAL ITEMS TO MANUALLY CHECK (3)                                    Show

These checks are required by the baseline PWA Checklist but are not automatically checked by Lighthouse. They do not affect your score but it's important that you verify them manually.

■ Captured at Oct 18, 2023, 8:02 PM PDT          ■ Emulated Desktop with Lighthouse 10.4.0          ■ Single page load

■ Initial page load          ■ Custom throttling          ■ Using Chromium 117.0.0.0 with devtools

Generated by **Lighthouse** 10.4.0 | File an issue