http://127.0.0.1:5501/index.html

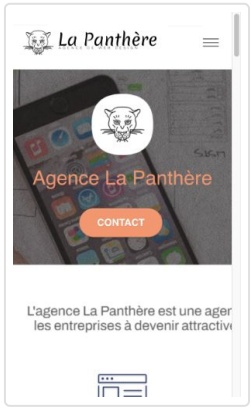
| Performance | Accessibility | Best Practices | SEO | PWA |
|---|---|---|---|---|
| 89 | 84 | 92 | 90 | — |

89

## 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<br>0.8 s | Time to Interactive<br>0.8 s |
| Speed Index<br>0.8 s | Total Blocking Time<br>0 ms |
| Largest Contentful Paint<br>1.7 s | Cumulative Layout Shift<br>0.175 |

View Original Trace | View Treemap

Show audits relevant to: All FCP TBT LCP CLS

### OPPORTUNITIES

| Opportunity | Estimated Savings |
|---|---|
| Serve images in next-gen formats | 5.8 s |
| Efficiently encode images | 5.32 s |
| Eliminate render-blocking resources | 0.56 s |
| Enable text compression | 0.24 s |

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

### DIAGNOSTICS

- Ensure text remains visible during webfont load
- Image elements do not have explicit `width` and `height`
- Avoid enormous network payloads — Total size was 8,512 KiB
- Avoid chaining critical requests — 8 chains found
- Keep request counts low and transfer sizes small — 26 requests • 8,512 KiB
- Largest Contentful Paint element — 1 element found
- Avoid large layout shifts — 5 elements found

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

### PASSED AUDITS (28)

Show

## 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

- Background and foreground colors do not have a sufficient contrast ratio

Background and foreground colors do not have a sufficient contrast ratio.

These are opportunities to improve the legibility of your content.

### INTERNATIONALIZATION AND LOCALIZATION

- `<html>` element does not have a valid value for its `[lang]` attribute.

These are opportunities to improve the interpretation of your content by users in different locales.

### 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.

### 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 (10)

Show

### NOT APPLICABLE (30)

Show

92

## Best Practices

### TRUST AND SAFETY

- Includes front-end JavaScript libraries with known security vulnerabilities — 9 vulnerabilities detected

Ensure CSP is effective against XSS attacks

GENERAL

Detected JavaScript libraries

PASSED AUDITS (13) Show

NOT APPLICABLE (1) Show

## 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.

CONTENT BEST PRACTICES

▲ Document does not have a meta description Description text is empty.

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 (9) Show

NOT APPLICABLE (4) Show

# PWA

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

## 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`
- ▲ Does not provide a valid `apple-touch-icon`
- ▲ 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 Mar 8, 2022, 12:20 PM GMT+1
- Emulated Desktop with Lighthouse 9.1.0
- Single page load
- Initial page load
- Custom throttling
- Using Chromium 98.0.4758.109 with devtools

Generated by **Lighthouse** 9.1.0 | File an issue

http://127.0.0.1:5500/index.html

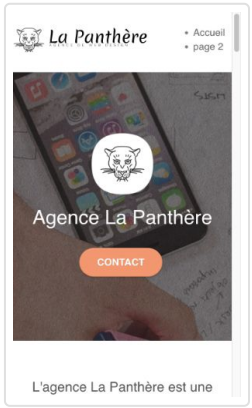
| Performance | Accessibility | Best Practices | SEO |
|---|---|---|---|
| 99 | 92 | 100 | 100 |

99

## Performance

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

▲ 0–49 50–89 90–100

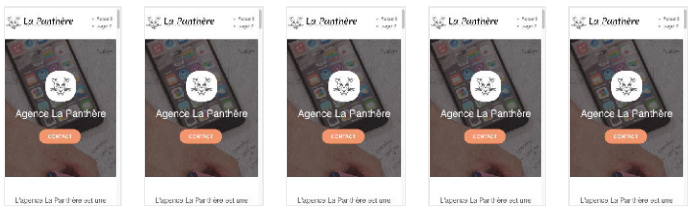



### METRICS

Expand view

| | |
|---|---|
| First Contentful Paint<br>0.3 s | Time to Interactive<br>0.3 s |
| Speed Index<br>0.3 s | Total Blocking Time<br>0 ms |
| Largest Contentful Paint<br>0.9 s | Cumulative Layout Shift<br>0 |

View Original Trace | View Treemap



Show audits relevant to: All FCP TBT LCP CLS

### OPPORTUNITIES

| Opportunity | Estimated Savings |
| --- | --- |
| Eliminate render-blocking resources | 0.15 s |

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

### DIAGNOSTICS

- Avoid chaining critical requests — 4 chains found
- Keep request counts low and transfer sizes small — 18 requests • 1,856 KiB
- Largest Contentful Paint element — 1 element found

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

### PASSED AUDITS (35)

Show

92

## 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.

### 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.

### 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 (11) Show

NOT APPLICABLE (31) Show

## Best Practices

TRUST AND SAFETY

- Ensure CSP is effective against XSS attacks

PASSED AUDITS (14) Show

NOT APPLICABLE (2) Show

## 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.

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 (4) Show

Captured at Mar 8, 2022, 12:21 Emulated Desktop with Single page load

PM GMT+1

Initial page load

Lighthouse 9.1.0

Custom throttling

Using Chromium 98.0.4758.109 with devtools

Generated by **Lighthouse** 9.1.0 | File an issue