**Tools:**

Lighthouse

Semrush

PageSpeed Insights

<https://wave.webaim.org/>

https://ezgif.com/png-to-webp

**Code manipulation**

Use webp

Lazy load div

Optimize font

Preconect

<link rel="preload" as="font" href="https://www.stibosystems.com/hubfs/MISC/Design/2020WoT/fonts/NotoSans-Regular.ttf" type="font/woff2" crossorigin="anonymous">

<link rel="preload" as="font" href="https://www.stibosystems.com/hubfs/MISC/Design/2020WoT/fonts/NotoSerif-Regular.ttf" type="font/woff2" crossorigin="anonymous">

<link rel="preload" as="font" href="https://www.stibosystems.com/hubfs/es2019/docs/fonts/Berthold%20Akzidenz%20Grotesk%20BE%20Medium.woff" type="font/woff2" crossorigin="anonymous">

**Points**

**Improve page score**

Analyze your website, use tools

Enable compression

Minify CSS, HTML, JavaScript

Eliminate render-blocking JavaScript

Optimize images

image.webp

Properly Size Images

lazy load images img and div

Lazy load code

Prioritize above-the-fold content

Reduce font files,

Ensure Text Remains Visible During Webfont Load

Identifying critical css

Preconnect to Required Origins

Preload Key Requests

**Improve SEO**

Alt on images

Fix broken links

Valid hreflang

Valid rel=canonical

Document uses legible font sizes

Improve speed of the website

**Accessability**

Background and foreground colors have a sufficient contrast ratio

List items (<li>) are contained within <ul> or <ol> parent elements

<html> element does not have a [lang] attribute

Tab order

Custom interactive controls are keyboard focusable and display a focus indicator.

Semrush

Lighthouse

Page insights

