

# CycleScene Lighthouse Report

## Desktop Benchmark – home page

This was at about 89% before we started fixing some of the issues outlined in the lighthouse report.

## Mobile Benchmark – home page

It was expected that we take a performance hit on the mobile devices since, we have a lot of high quality images on the home page and this is what the user will land on first. Before the code refactoring and script removal etc. The performance was only 59% on mobile which was not great. To bring the speed up I fixed an issue with the logo and used the .webp format to be used for all images served on mobile devices if the browser supports them, and if not fall back to .jpg ones. In hindsight I should really have used .webp throughout the site to increase overall performance but unfortunately there wasn't sufficient time due to the large amount of images.

Desktop	Performance	Accessibility	Best Practices	Mobile	Performance	Accessibility	Best Practices
Home	95%	98%	100%	Home	71%	98%	92%
All products	82%	96%	100%	All products	51%	96%	92%
Product Details (Example)	97%	98%	100%	Product Details (Example)	67%	98%	92%
Road Bikes	98%	98%	100%	Road Bikes	61%	98%	92%
Mountain Bikes	98%	98%	100%	Mountain Bikes	71%	98%	92%
City Bikes	96%	98%	100%	City Bikes	70%	98%	92%
Saddles	98%	98%	100%	Saddles	74%	98%	92%
Wheels	98%	98%	100%	Wheels	71%	98%	92%
Bike Locks	97%	98%	100%	Bike Locks	60%	98%	92%
Bike Pumps	98%	98%	100%	Bike Pumps	67%	98%	92%
Lights	98%	98%	100%	Lights	64%	98%	92%
Helmets	96%	98%	100%	Helmets	76%	98%	92%
Eyewear	97%	98%	100%	Eyewear	67%	98%	92%
Services	98%	98%	100%	Services	79%	98%	100%
Legal	98%	98%	100%	Legal	76%	98%	100%
Shopping Bag	98%	98%	100%	Shopping Bag	76%	92%	92%
Checkout	97%	96%	100%	Checkout	66%	96%	100%
Sign In	98%	98%	100%	Sign In	80%	98%	92%
Sign Out	98%	98%	100%	Sign Out	79%	98%	92%
Password							

Register	98%	98%	100%	Register	79%	98%	100%
Profile Page std				Profile Page Std			
Product Manager	86%	98%	100%	Product Manager	60%	96%	100%
Product Manager Add	99%	98%	100%	Product Manager Add	75%	98%	92%
Product Manager Edit	99%	98%	100%	Product Manager Edit	83%	98%	92%