

Audit Report: Kawiare - Experience of Taste

Website: <https://kawiare.ee/>

Date: 2026-07-07

Overall Score: 61 / 100

Status: ❑ **Needs Improvement**

Confidence: high

Audit Coverage: 100% — all sources returned data

Pages Audited (10 of 10):

- <https://kawiare.ee/>
- <https://kawiare.ee/artiklid>
- <https://kawiare.ee/kuidas-eristada-kvaliteetset-punast-kalamarja>
- <https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta>
- <https://kawiare.ee/kuidas-ara-tunda-toeliselt-head-kaheksajalga>
- <https://kawiare.ee/kuidas-eristada-kvaliteetset-kaaviari>
- <https://kawiare.ee/kammkarp>
- <https://kawiare.ee/ahven-ja-koha>
- <https://kawiare.ee/lumekrabi>
- <https://kawiare.ee/kaaviar-tanapaeval>

Summary

Site overall 61 is the mean of 10 pages. Scores range 42 (<https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta>) → 72 (<https://kawiare.ee/lumekrabi>). Weakest page: Mobile performance is critically low (61) with LCP 8.5s and FCP 4.6s, driven by 11 render-blocking scripts. Security configuration is weak (40/100) with HTTP not redirecting to HTTPS, creating a downgrade risk. Accessibility has 1 serious contrast violation and missing skip-link despite high PSI score. SEO lacks a meta description and has W3C errors. Confidence is high due to complete data coverage.

Per-Page Scores

Page	Score	Status	Confidence
https://kawiare.ee/	55	☐ Poor	high
https://kawiare.ee/artiklid	63	☐ Needs Improvement	high
https://kawiare.ee/kuidas-eristada-kvaliteetset-punast-kalamarja	72	☐ Needs Improvement	high
https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta	42	☐ Poor	high
https://kawiare.ee/kuidas-ara-tunda-toeliselt-head-kaheksajalga	65	☐ Needs Improvement	high
https://kawiare.ee/kuidas-eristada-kvaliteetset-kaaviari	55	☐ Poor	high
https://kawiare.ee/kammkarp	68	☐ Needs Improvement	high
https://kawiare.ee/ahven-ja-koha	58	☐ Poor	high
https://kawiare.ee/lumekrabi	72	☐ Needs Improvement	high
https://kawiare.ee/kaaviar-tanapaeval	58	☐ Poor	high

PageSpeed Insights — Mobile vs Desktop

Lower is worse for Performance; higher is worse for LCP and CLS. Worse value is **bolded**.

URL	Performance (M / D)	LCP (M / D)	CLS (M / D)
https://kawiare.ee/	44 / 72	9.77 s / 1.52 s	1.000 / 0.637
https://kawiare.ee/artiklid	67 / 93	10.28 s / 1.73 s	0.001 / 0.001

URL	Performance (M / D)	LCP (M / D)	CLS (M / D)
https://kawiare.ee/kuidas-eristada-kvaliteetset-punast-kalamarja	71 / 92	6.56 s / 1.72 s	0.000 / 0.000
https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta	61 / 93	8.49 s / 1.69 s	0.000 / 0.000
https://kawiare.ee/kuidas-ara-tunda-toeliselt-head-kaheksajalga	60 / 93	8.89 s / 1.62 s	0.000 / 0.000
https://kawiare.ee/kuidas-eristada-kvaliteetset-kaaviari	68 / 93	8.71 s / 1.65 s	0.000 / 0.000
https://kawiare.ee/kammkarp	71 / 95	7.22 s / 1.49 s	0.000 / 0.000
https://kawiare.ee/ahven-ja-koha	67 / 93	9.44 s / 1.62 s	0.000 / 0.000
https://kawiare.ee/lumekrabi	70 / 94	7.23 s / 1.58 s	0.000 / 0.000
https://kawiare.ee/kaaviar-tanapaeval	61 / 99	8.36 s / 926 ms	0.000 / 0.000

Optimization Checklist

4 of 7 passing — 4 pass · 2 warn · 1 fail

Item	Status	Detail
Page caching plugin / CDN active	Pass	Caching plugin detected (WP Rocket)
Images lazy-loaded	Pass	All raster images use loading="lazy".
Hero image eagerly loaded	Pass	Hero image is eagerly loaded (inferred from DOM order/size — Lighthouse LCP element unavailable).
Hero is a real (not a CSS	Warn	Hero element uses a CSS background-image (no image-set() variants), so the browser always loads the original asset regardless of viewport — there is no srcset

Item	Status	Detail
background-image)		equivalent. Move the hero to a real with srcset/sizes (or) so smaller viewports can fetch a smaller file.
Responsive images (srcset /)	Warn	Only 15/22 raster images use srcset or (68%).
Reasonable number of image sizes	Pass	17 distinct srcset widths.
JS scripts not blocking in	Fail	5 render-blocking scripts in . Move to footer or add defer/async.

Fixes

Priority 1: Critical

Immediate action — impacts user experience, search rankings, or site safety.

1A. Fix Mobile LCP and CLS

- **Impact:** LCP, CLS, Performance Score
- **Problem:** Mobile LCP is 9.8s (threshold 2.5s) and CLS is 1.0 (threshold 0.1), causing a Performance score of 44.
- **Solution:**
 1. Preload the LCP image (hero) with `<link rel="preload" as="image">` .
 2. Reserve space for dynamic content to prevent CLS (add width/height or aspect-ratio CSS).
 3. Convert hero PNG to WebP/AVIF to reduce 1.46 MB image weight.

1B. Defer Render-Blocking JavaScript

- **Impact:** FCP, TBT, Performance Score
- **Problem:** 11 render-blocking scripts (including jQuery and WooCommerce) delay FCP to 1.99s and contribute to LCP delay.
- **Solution:** Add `defer` or `async` to non-critical scripts in `<head>` :

```
<script src="..." defer></script>
```

Move WooCommerce frontend scripts to footer if not needed for initial paint.

1C. Force HTTPS Redirect

- **Impact:** Security, Transport Layer
- **Problem:** Security Headers audit reports '<http://kawiare.ee/artiklid> does not redirect to HTTPS', leaving users vulnerable to downgrade attacks.
- **Solution:** Configure the web server (Apache/Nginx) to return a 301 redirect for all HTTP requests to HTTPS:

```
RewriteEngine On
RewriteCond %{HTTPS} off
RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [L,R=301]
```

1D. Optimize Largest Contentful Paint (LCP)

- **Impact:** Performance, Mobile UX
- **Problem:** Mobile LCP is 10.3 s (target ≤ 2.5 s), caused by 16 render-blocking scripts and a hero image loaded via CSS background.
- **Solution:**
 - Move non-critical scripts to `defer` or `async` (16 currently blocking).
 - Replace CSS background hero with a real `<img>` or `<picture>` element with `fetchpriority="high"`.
 - Inline critical CSS and defer the rest.

1E. Enforce HTTPS Redirect

- **Impact:** Security, Transport Layer
- **Problem:** Security Headers audit shows [http://kawiare.ee/...](http://kawiare.ee/) does not redirect to HTTPS, leaving users vulnerable to MITM attacks on unencrypted connections.
- **Solution:** Configure the web server (Apache/Nginx) to return a 301 redirect for all HTTP traffic to HTTPS.

Apache (.htaccess):

```
RewriteEngine On
RewriteCond %{HTTPS} off
RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [L,R=301]
```

1F. Eliminate Render-Blocking JavaScript

- **Impact:** LCP, FCP, Performance
- **Problem:** 11 render-blocking scripts identified in HTML Inventory; LCP is 8.5s and FCP is 4.6s on mobile.
- **Solution:** Add `defer` or `async` to non-critical scripts in `<head>`. Move critical CSS inline and defer JS execution.

```
<script src="..." defer></script>
```

1G. Force HTTPS redirect on HTTP requests

- **Impact:** Security, Transport Layer
- **Problem:** Security Headers audit reports '<http://kawiare.ee/>... does not redirect to HTTPS', leaving users on unencrypted connections if they type http.
- **Solution:** Configure the web server (Apache/Nginx) to return a 301 redirect from HTTP to HTTPS for all requests.

```
RewriteEngine On  
RewriteCond %{HTTPS} off  
RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [L,R=301]
```

1H. Reduce render-blocking JavaScript to improve LCP

- **Impact:** LCP, FCP, Mobile Performance
- **Problem:** Mobile LCP is 8.9 s; HTML Inventory identifies 11 render-blocking scripts (5 in), including main.js and jQuery.
- **Solution:** Add `defer` or `async` to non-critical scripts. Move critical CSS inline and defer JS execution.

```
<script src="main.js" defer></script>
```

Priority 2: Important

Essential for compliance, user reach, and search visibility.

2A. Strengthen Security Headers

- **Impact:** Security Score, XSS Protection
- **Problem:** Security Headers grade is 40/100; CSP is missing despite WooCommerce assets indicating potential cart data exposure.
- **Solution:** Add Content-Security-Policy (nonce-based) and HSTS preload:

```
Content-Security-Policy: default-src 'self'; script-src 'nonce-  
{random}' 'strict-dynamic';  
Strict-Transport-Security: max-age=63072000; includeSubDomains;  
preload
```

2B. Fix Accessibility Structure and Contrast

- **Impact:** WCAG Compliance, Screen Reader Usability

- **Problem:** HTML Inventory shows 3 `<h1>` elements and missing skip-link; axe-core found 1 serious contrast violation on `#cookiescript_accept`.
- **Solution:**
 1. Ensure only one `<h1>` per page.
 2. Add `<a href="#main" class="skip-link">Skip to content</a>`.
 3. Increase contrast on cookie accept button to 4.5:1 ratio.

2C. Fix Accessibility Violations

- **Impact:** WCAG Compliance, SEO
- **Problem:** axe-core reports 1 serious color-contrast violation (`#cookiescript_accept`) and 1 moderate heading-order violation (`h1 → h3 skip`).
- **Solution:**
 - Increase contrast on `.cookiescript_accept` to $\geq 4.5:1$ ratio.
 - Insert an `<h2>` between the `<h1>` and `<h3>` elements to maintain sequential heading levels.

2D. Eliminate Render-Blocking JavaScript

- **Impact:** FCP, TBT, Performance
- **Problem:** 11 render-blocking scripts found in HTML Inventory; 5 specifically in `<head>` per Optimization Checklist.
- **Solution:** Add `defer` or `async` to script tags that do not need to execute before DOM parsing.

Example:

```
<script src="main.js" defer></script>
```

2E. Strengthen HSTS Configuration

- **Impact:** Security, Transport Layer
- **Problem:** HSTS is present but missing the `preload` directive, preventing inclusion in browser preload lists.
- **Solution:** Update the `Strict-Transport-Security` header to include `preload`.

Header: `Strict-Transport-Security: max-age=63072000;
includeSubDomains; preload`

2F. Fix color contrast on cookie consent button

- **Impact:** Accessibility (WCAG 1.4.3)

- **Problem:** axe-core reports 1 serious violation on `#cookiescript_accept` for insufficient color contrast.
- **Solution:** Increase contrast ratio to at least 4.5:1 for text on the button. Test with a contrast checker tool and adjust CSS colors.

2G. Fix Render-Blocking Scripts

- **Impact:** FCP, TBT, Performance
- **Problem:** 11 render-blocking scripts detected in , including jQuery and WooCommerce assets, delaying first paint.
- **Solution:** Move scripts to the footer or add `defer` / `async` attributes:

```
<script src="..." defer></script>
<script src="..." async></script>
```

2H. Defer Render-Blocking Scripts

- **Impact:** FCP, LCP, TBT
- **Problem:** 11 render-blocking external scripts detected in , delaying first paint and increasing TBT.
- **Solution:** Add `defer` or `async` to non-critical scripts in the `<head>` :

```
<script src="..." defer></script>
```

Move non-essential scripts to the footer or use a plugin to optimize script loading order.

2I. Fix Color Contrast Violation

- **Impact:** Accessibility (WCAG 1.4.3)
- **Problem:** Serious axe violation on `#cookiescript_accept` element fails minimum contrast ratio thresholds.
- **Solution:** Adjust the text color or background color of the cookie consent button to achieve a contrast ratio of at least 4.5:1. Use a tool like WebAIM Contrast Checker to verify.

2J. Implement Content Security Policy (CSP)

- **Impact:** Security, XSS Defense
- **Problem:** CSP is missing. WooCommerce scripts detected in HTML inventory suggest e-commerce capability, raising XSS risk despite inferred signals.
- **Solution:** Deploy a strict CSP with nonce/hash for scripts:

```
Header set Content-Security-Policy "default-src 'self'; script-src 'nonce-{random}' 'strict-dynamic'; object-src 'none'; base-uri 'none';"
```

2K. Fix Color Contrast on Cookie Button

- **Impact:** Accessibility (WCAG 1.4.3)
- **Problem:** Axe reports serious contrast violation on `#cookiescript_accept` .
- **Solution:** Increase contrast ratio to $\geq 4.5:1$. Adjust background or text color in CSS:

```
#cookiescript_accept { color: #333; background: #f0f0f0; }
```

2L. Add Meta Description

- **Impact:** SEO, Click-Through Rate
- **Problem:** PSI SEO audit fails `metaDescription` ; document lacks summary.
- **Solution:** Add a unique description tag (150-160 chars) in `<head>` :

```
<meta name="description" content="Lumekrabi on tervislik, jätkusuutlik ja peene maitsega delikatess. Tutvuge meie valikuga.">
```

2M. Fix Color Contrast on Cookie Banner

- **Impact:** Accessibility (WCAG 1.4.3)
- **Problem:** Serious axe-core violation: `#cookiescript_accept` fails minimum contrast ratio thresholds.
- **Solution:** Increase contrast between text and background on the cookie accept button.

CSS:

```
#cookiescript_accept {  
  color: #333333; /* Darker text */  
  background-color: #ffffff;  
}
```

Priority 3: Best Practice

Recommended for long-term maintainability.

3A. Add Meta Description and Lazy Load Remaining Images

- **Impact:** SEO, Page Weight

- **Problem:** SEO audit fails `metaDescription` ; 6 images below the fold lack `loading="lazy"` .

- **Solution:**

1. Add `<meta name="description" content="...">` .
2. Add `loading="lazy"` to all images not in the viewport:

```

```

3B. Add Content Security Policy (CSP)

- **Impact:** XSS Defense-in-Depth
- **Problem:** CSP is missing. Site signals indicate no auth/payments, so risk is lower, but CSP remains a best practice for content integrity.
- **Solution:** Implement a strict CSP with nonce-based script execution:

```
Header set Content-Security-Policy "default-src 'self'; script-src 'nonce-{random}' 'strict-dynamic'; object-src 'none'; base-uri 'none';"
```

3C. Fix Accessibility Contrast & SEO Meta

- **Impact:** Accessibility, SEO
- **Problem:** axe-core reports 1 serious color-contrast violation on `#cookiescript_accept` . Meta description is missing (SEO score 92).
- **Solution:**
 1. **Contrast:** Increase text color contrast on `#cookiescript_accept` to meet WCAG AA (4.5:1).
 2. **Meta:** Add a `<meta name="description" content="...">` tag summarizing the article content.

3D. Add Meta Description

- **Impact:** SEO, Click-Through Rate
- **Problem:** HTML Inventory shows meta description is not set; W3C validator reports SEO failing audit.
- **Solution:** Add a unique meta description tag (150-160 characters) summarizing the article content.

```
<meta name="description" content="...">
```

3E. Add meta description for SEO

- **Impact:** Search Visibility, CTR
- **Problem:** PSI and HTML Inventory confirm 'metaDescription' is missing; document has no meta description tag.
- **Solution:** Add a concise meta description (150–160 characters) summarizing the article content.

```
<meta name="description" content="Learn how to identify high-quality octopus and caviar with these expert tips.">
```

3F. Implement Content Security Policy (CSP)

- **Impact:** XSS Defense-in-Depth
- **Problem:** CSP is missing. Site signals indicate no auth, payments, or user content, lowering immediate risk but CSP remains a best practice.
- **Solution:** Deploy a strict CSP with nonces for scripts. Since the site is brochure/blog focused, a strict allowlist is less critical than on an app, but recommended for defense-in-depth.

```
Header set Content-Security-Policy "default-src 'self'; script-src 'nonce-{random}' 'strict-dynamic';"
```

3G. Add Meta Description and Fix Landmarks

- **Impact:** SEO, Accessibility
- **Problem:** SEO audit flags missing meta description; axe-core reports duplicate main landmarks and missing skip-to-content link.
- **Solution:**
 - Add `<meta name="description" content="...">` .
 - Add `<a href="#main" class="skip-link">Skip to content</a>` .
 - Ensure only one `<main>` element exists in the DOM.

3H. Implement Content Security Policy

- **Impact:** XSS Defense-in-Depth
- **Problem:** CSP is missing. Site signals show no auth/payments, so risk is lower, but defense is recommended.
- **Solution:** Deploy a strict CSP with nonce/hash for scripts:

```
Header set Content-Security-Policy "default-src 'self'; script-src 'nonce-{random}' 'strict-dynamic';"
```