Audit Report: Kawiare - Experience of Taste

Website: https://kawiare.ee/
Date: 2026-07-14

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 52 (https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta) → 71 (https://kawiare.ee/lumekrabi). Weakest page: Mobile performance is critically low (58) with an LCP of 8.5 s, driven by 11 render-blocking scripts and unused JavaScript. Security posture is weak due to missing HTTP-to-HTTPS redirects and absent CSP, despite the primary URL using HTTPS. Accessibility has a serious contrast violation and missing skip link, though core structure is mostly intact. Desktop performance is excellent (96), highlighting a severe mobile-specific bottleneck. Confidence is high as all audit tools returned complete data.

Per-Page Scores

Page	Score	Status	Confidence
https://kawiare.ee/	62	□ **Needs Improvement**	high
https://kawiare.ee/artiklid	58	□ **Poor**	high
https://kawiare.ee/kuidas-eristada-kvaliteetset-punast-kalamarja	66	□ **Needs Improvement**	high
https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta	52	□ **Poor**	high
https://kawiare.ee/kuidas-ara-tunda-toeliselt-head-kaheksajalga	55	□ **Poor**	high
https://kawiare.ee/kuidas-eristada-kvaliteetset-kaaviari	65	□ **Needs Improvement**	high
https://kawiare.ee/kammkarp	65	□ **Needs Improvement**	high
https://kawiare.ee/ahven-ja-koha	55	□ **Poor**	high
https://kawiare.ee/lumekrabi	71	□ **Needs Improvement**	high
https://kawiare.ee/kaaviar-tanapaeval	62	□ **Needs Improvement**	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/	**56** / 69	**10.08 s** / 1.83 s	0.000 / **0.637**
https://kawiare.ee/artiklid	**68** / 89	**9.35 s** / 1.87 s	0.001 / **0.001**

URL	Performance (M / D)	LCP (M / D)	CLS (M / D)
https://kawiare.ee/kuidas-eristada-kvaliteetset-punast-kalamarja	**58** / 92	**8.53 s** / 1.79 s	0.000 / **0.000**
https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta	**58** / 96	**8.52 s** / 1.41 s	0.000 / **0.000**
https://kawiare.ee/kuidas-ara-tunda-toeliselt-head-kaheksajalga	**69** / 87	**8.91 s** / 1.86 s	0.000 / **0.000**
https://kawiare.ee/kuidas-eristada-kvaliteetset-kaaviari	**74** / 96	**5.39 s** / 1.18 s	0.000 / **0.000**
https://kawiare.ee/kammkarp	**61** / 95	**8.50 s** / 1.48 s	0.000 / **0.000**
https://kawiare.ee/ahven-ja-koha	**41** / 96	**9.18 s** / 1.33 s	0.000 / **0.000**
https://kawiare.ee/lumekrabi	**74** / 97	**5.28 s** / 1.19 s	0.000 / **0.000**
https://kawiare.ee/kaaviar-tanapaeval	**67** / 93	**8.36 s** / 1.53 s	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. Eliminate render-blocking JavaScript

- **Impact:** LCP, FCP, Performance Score
- **Problem:** 11 render-blocking scripts (including jQuery and WooCommerce) delay first paint; LCP is 10.1s on mobile.
- **Solution:** Add `defer` or `async` to non-critical scripts in `<head>`. Move WooCommerce and theme JS to footer or use `type="module"`.

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

1B. Optimize hero and above-fold images

- **Impact:** LCP, Page Weight
- **Problem:** Images total 1.45 MB; 6 images lack `loading="lazy"`; hero image is eagerly loaded but heavy.
- **Solution:** Convert PNG/JPEG to WebP/AVIF. Add `fetchpriority="high"` to LCP image. Ensure `loading="lazy"` on below-fold images.

```
<img src="hero.webp" fetchpriority="high" alt="...">
```

1C. Force HTTPS redirect

- **Impact:** Security, Transport encryption

- **Problem:** http://kawiare.ee/artiklid does not redirect to HTTPS, leaving users on unencrypted connections.
- **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. Fix LCP by optimizing hero image and scripts

- **Impact:** LCP, FCP, Performance Score
- **Problem:** LCP is 9.4 s on mobile; hero uses CSS background-image (no srcset) and 16 scripts are render-blocking.
- **Solution:**
  1. Replace CSS background hero with a real `<img>` or `<picture>` element with `fetchpriority="high"`.
  2. Add `defer` or `async` to non-critical scripts in `<head>`.
  3. Inline critical CSS and remove unused JS (224 KB wasted).

1E. Enforce HTTPS redirect for all HTTP traffic

- **Impact:** Security, Transport encryption
- **Problem:** Security Headers audit reports: 'http://kawiare.ee... does not redirect to HTTPS'. This exposes users to MITM attacks on initial connection.
- **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]
```

1F. Eliminate render-blocking JavaScript to fix LCP

- **Impact:** LCP (8.5 s), FCP (4.7 s), Mobile Performance (58)
- **Problem:** 11 render-blocking scripts found in HTML Inventory; PSI identifies 224 KB unused JS and long tasks delaying main thread.
- **Solution:** Add `defer` or `async` to non-critical scripts in `<head>`. Inline critical CSS and move non-critical JS to the footer.

```
<!-- Change this -->
<script src="main.js"></script>
```

```
<!-- To this -->
<script src="main.js" defer></script>
```

1G. Force HTTPS redirect for all HTTP traffic

- **Impact:** Security, Data Integrity
- **Problem:** Security Headers audit found 'http://kawiare.ee... does not redirect to HTTPS', leaving users vulnerable to downgrade attacks.
- **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. Enforce HTTPS Redirect

- **Impact:** Security, Trust
- **Problem:** http://kawiare.ee/kuidas-eristada-kvaliteetset-kaaviari does not redirect to HTTPS, leaving HTTP traffic unencrypted.
- **Solution:** Configure 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]
```

1I. Defer Render-Blocking JavaScript

- **Impact:** LCP, FCP, Performance
- **Problem:** 11 render-blocking scripts contribute to a 5.4s LCP on mobile; 224 KB of unused JS identified.
- **Solution:** Add `defer` or `async` to non-critical scripts in `<head>`.

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

Move critical CSS inline and defer non-critical CSS.

1J. Optimize Largest Contentful Paint (LCP)

- **Impact:** Performance, Mobile UX
- **Problem:** Mobile LCP is 8.5 s (target ≤2.5 s) caused by render-blocking scripts and unoptimized hero image.
- **Solution:**

- Defer non-critical JavaScript (11 render-blocking scripts found).
- Preload the hero image (`<link rel="preload" as="image" href="...">`).
- Convert hero image to WebP/AVIF and serve responsive sizes.

Priority 2: Important

Essential for compliance, user reach, and search visibility.

2A. Strengthen security headers

- **Impact:** Security Headers Score, XSS/Clickjacking Defense
- **Problem:** Security Headers grade 40/100; CSP missing, HSTS lacks preload directive.
- **Solution:** Add CSP with nonce/hash (not just allowlist). Update HSTS to include `preload` .

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

2B. Fix color contrast on cookie banner

- **Impact:** Accessibility (WCAG 1.4.3)
- **Problem:** axe-core reports 1 serious violation on `#cookiescript_accept` button.
- **Solution:** Increase contrast ratio to ≥4.5:1 for text on the cookie accept button. Test with a contrast checker tool.

2C. Fix accessibility violations and landmarks

- **Impact:** WCAG 1.4.3, 2.4.1, 2.4.6
- **Problem:** Serious color-contrast on `#cookiescript_accept` ; heading order skips H2; missing skip-to-content link; form inputs lack labels.
- **Solution:**
  - Increase contrast on `#cookiescript_accept` to ≥4.5:1.
  - Insert `<h2>` between `h1` and `h3` or change `h3` to `h2` .
  - Add `<a href="#main" class="skip-link">Skip to content</a>` .
  - Add `<label>` or `aria-label` to all form inputs.

2D. Fix accessibility violations (contrast and landmarks)

- **Impact:** WCAG 1.4.3, 1.3.1, Screen Reader usability

- **Problem:** axe-core reports 1 serious color-contrast violation (#cookiescript_accept) and 3 moderate landmark issues (duplicate main, missing skip link).
- **Solution:**
  - Increase contrast on `.cookiescript_accept` to ≥4.5:1.
  - Add `<a href="#main" class="skip-link">Skip to content</a>` before the header.
  - Ensure only one `<main>` element exists and it is not nested inside another landmark.

2E. Fix serious accessibility violations and landmarks

- **Impact:** WCAG Compliance, Usability
- **Problem:** axe-core found 1 serious color-contrast violation (#cookiescript_accept) and 3 moderate landmark issues (duplicate main, missing skip link).
- **Solution:**
  - Increase contrast on `#cookiescript_accept` to ≥4.5:1.
  - Add a skip link: `<a href="#main" class="skip-link">Skip to content</a>`.
  - Ensure only one `<main>` element exists and it is not nested inside another landmark.

2F. Fix color contrast and add skip-to-content link

- **Impact:** Accessibility (WCAG 1.4.3, 2.4.1)
- **Problem:** axe-core found 1 serious contrast violation on `#cookiescript_accept` and HTML Inventory notes missing skip-to-content link.
- **Solution:**
  - Increase contrast on the cookie accept button to ≥4.5:1.
  - Add a visible skip link at the top of the DOM:

```
<a href="#main" class="skip-link">Otse sisule</a>
```

2G. Implement Content Security Policy (CSP)

- **Impact:** XSS Defense, Security Headers Grade
- **Problem:** CSP is missing. WooCommerce scripts are present, indicating potential cart functionality despite 'no ecommerce' signals.
- **Solution:** Deploy a strict CSP with nonces for scripts:

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

2H. Fix Cookie Banner Contrast

- **Impact:** WCAG 1.4.3 (Contrast)
- **Problem:** axe-core reports a serious color-contrast violation on `#cookiescript_accept`.
- **Solution:** Increase contrast ratio to at least 4.5:1 for text on the cookie banner.

```
#cookiescript_accept { color: #333333; background: #ffffff; }
```

2I. Add Meta Description

- **Impact:** SEO
- **Problem:** HTML Inventory and PSI SEO audit show `Description: not set`.
- **Solution:** Add a unique meta description tag in the `<head>`.

```
<meta name="description" content="20 punkti, kuidas eristada kvaliteetset kaaviari...">
```

2J. Fix Accessibility Violations

- **Impact:** WCAG Compliance, Usability
- **Problem:** 1 serious color-contrast violation (#cookiescript_accept) and 3 moderate landmark issues (duplicate main, missing skip link).
- **Solution:**
  - Increase contrast on `#cookiescript_accept` to ≥4.5:1.
  - Add `<a class="skip-link" href="#main">Skip to content</a>`.
  - Ensure only one `<main>` element exists and remove duplicate `role="main"`.

2K. Fix Color Contrast Violation

- **Impact:** Accessibility (WCAG 1.4.3)
- **Problem:** axe-core reports 1 serious violation on `#cookiescript_accept` where foreground/background contrast is insufficient.
- **Solution:** Increase contrast ratio to at least 4.5:1 for normal text. Adjust CSS for the cookie accept button:

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

2L. Resolve Landmark Duplication

- **Impact:** Accessibility (WCAG 1.3.1)
- **Problem:** axe-core reports duplicate `main` landmarks (`#main` and `#primary`) and `main` nested inside another landmark.
- **Solution:** Ensure only one `<main>` element exists per page. Remove `role="main"` from `<div id="primary">` if it wraps the main content, or change it to `<section>` .

2M. Fix accessibility contrast and landmarks

- **Impact:** WCAG 1.4.3, 1.3.1, Screen Reader Navigation
- **Problem:** 1 serious color-contrast violation on #cookiescript_accept and 3 moderate landmark issues (duplicate main, nested main).
- **Solution:**
  - Increase contrast on the cookie accept button to ≥4.5:1.
  - Remove duplicate `role="main"` attributes; ensure only one `<main>` element exists.
  - Add a skip-to-content link at the top of the page for keyboard users.

2N. Add Content Security Policy (CSP)

- **Impact:** XSS Defense-in-Depth
- **Problem:** CSP is missing. While signals indicate no auth/payments on this page, WooCommerce plugins are present, increasing potential attack surface.
- **Solution:** Implement 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';"
  ```

  Ensure all inline scripts use the nonce.

Priority 3: Best Practice

Recommended for long-term maintainability.

3A. Correct HTML structure and H1 usage

- **Impact:** SEO, Accessibility
- **Problem:** W3C reports 1 error (style in div); HTML Inventory shows 3 `<h1>` elements.
- **Solution:** Ensure only one `<h1>` per page. Move inline `<style>` blocks to external CSS or `<head>` . Add a skip-to-content link.

3B. Add Content Security Policy and Meta Description

- **Impact:** XSS defense, SEO snippet
- **Problem:** CSP is missing (low risk per signals); SEO meta description not set.
- **Solution:**
  1. Add a nonce-based CSP: `Content-Security-Policy: script-src 'nonce-{random}' 'strict-dynamic';`
  2. Add `<meta name="description" content="...">` summarizing the article content.

3C. Add Content-Security-Policy (CSP)

- **Impact:** XSS defense-in-depth
- **Problem:** CSP is missing. Site signals indicate no auth/payments/UGC, so risk is lower than P1, but still recommended for defense-in-depth.
- **Solution:** Implement a strict CSP with nonce/hash for scripts.

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

3D. Add meta description for SEO

- **Impact:** Search snippet quality, CTR
- **Problem:** W3C/SEO audit notes: 'Document does not have a meta description'.
- **Solution:** Add a unique description tag (150-160 chars) in `<head>`.

```
<meta name="description" content="Learn how to identify quality red fish roe with our expert guide on taste, smell, and texture.">
```

3E. Implement Content-Security-Policy (CSP)

- **Impact:** XSS Defense-in-Depth
- **Problem:** CSP is missing. Site signals indicate no auth/payments/UGC, so risk is lower than P1, but still recommended for defense-in-depth.
- **Solution:** Start with a report-only policy to identify violations, then enforce:

```
Header set Content-Security-Policy "default-src 'self'; script-src 'self' 'unsafe-inline' https://www.googletagmanager.com;"
```

3F. Add meta description and fix W3C errors

- **Impact:** SEO, Code Quality

- **Problem:** SEO audit flagged missing meta description; W3C validator reported 2 errors (invalid style in div, unescaped character).
- **Solution:**
  - Add `<meta name="description" content="...">` summarizing the article.
  - Move inline `<style>` blocks out of `<div>` tags and escape `<` characters in text content.

3G. Add meta description and optimize hero image

- **Impact:** SEO, LCP
- **Problem:** HTML Inventory shows 'Description: not set' and hero image is a 2000×560 PNG without srcset.
- **Solution:**
  - Add `<meta name="description" content="...">`.
  - Convert hero PNG to WebP/AVIF and add `srcset` for responsive loading.

3H. Implement Content Security Policy

- **Impact:** XSS Defense-in-Depth
- **Problem:** CSP is missing; site signals indicate no auth/payments on this page, lowering priority to P3.
- **Solution:** Deploy a nonce-based CSP to mitigate XSS risks.

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

3I. Implement Content Security Policy (CSP)

- **Impact:** XSS Protection
- **Problem:** CSP is missing. Site signals show no auth/payments/UGC, so risk is lower but still recommended for defense-in-depth.
- **Solution:** Deploy a strict CSP with nonces for scripts:

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

  Ensure all inline scripts use the nonce.

3J. Add Content Security Policy

- **Impact:** Security (XSS Defense)
- **Problem:** CSP is missing. While site signals indicate no auth/payments, a CSP provides defense-in-depth against injected scripts.

- **Solution:** Implement a strict CSP with nonce/hash for scripts:

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

3K. Add Meta Description

- **Impact:** SEO
- **Problem:** W3C and PSI report missing meta description, reducing click-through potential in search results.
- **Solution:** Add a unique description tag in `<head>`:

```
<meta name="description" content="Lumekrabi on tervislik ja
jätkusuutlik delikatess. Loe, kuidas eristada kvaliteetset
kaaviari.">
```

3L. Add meta description and lazy load below-fold images

- **Impact:** SEO, Page Weight
- **Problem:** Meta description is missing (SEO audit fail); 2 images below the fold lack loading="lazy".
- **Solution:**
  - Add a unique meta description tag in `<head>`.
  - Ensure all images below the fold have `loading="lazy"` attribute:

```
<img src="..." alt="..." loading="lazy" width="..." height="...">
```