

Audit Report: Kawiare - Experience of Taste

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

Date: 2026-07-07

Overall Score: 57 / 100

Status: ❑ Poor

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 57 is the mean of 10 pages. Scores range 46 (<https://kawiare.ee/ahven-ja-koha>) → 62 (<https://kawiare.ee/kammkarp>). Weakest page: Mobile LCP of 9.6 s is a critical failure (>4 s threshold), dragging performance to 68 despite a 90 desktop score. Security is compromised by a missing HTTP-to-HTTPS redirect and a 40/100 header grade. Accessibility is strong (97 PSI) but has 1 serious contrast violation. W3C validation shows 2 errors. Confidence is high as all tools returned data.

Per-Page Scores

Page	Score	Status	Confidence
https://kawiare.ee/	56	❑ Poor	high

Page	Score	Status	Confidence
https://kawiare.ee/artiklid	55	☐ Poor	high
https://kawiare.ee/kuidas-eristada-kvaliteetset-punast-kalamarja	62	☐ Needs Improvement	high
https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta	62	☐ Needs Improvement	high
https://kawiare.ee/kuidas-ara-tunda-toeliselt-head-kaheksajalga	48	☐ Poor	high
https://kawiare.ee/kuidas-eristada-kvaliteetset-kaaviari	62	☐ Needs Improvement	high
https://kawiare.ee/kammkarp	62	☐ Needs Improvement	high
https://kawiare.ee/ahven-ja-koha	46	☐ Poor	high
https://kawiare.ee/lumekrabi	58	☐ Poor	high
https://kawiare.ee/kaaviar-tanapaeval	56	☐ 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/	49 / 69	9.19 s / 1.56 s	1.000 / 0.637
https://kawiare.ee/artiklid	67 / 91	9.46 s / 1.75 s	0.001 / 0.001
https://kawiare.ee/kuidas-eristada-kvaliteetset-punast-kalamarja	78 / 94	4.62 s / 1.50 s	0.000 / 0.000
https://kawiare.ee/kaaviar-kui-looduslik-toidulisand-ehk-kaaviar-ilma-muutideta	69 / 92	8.51 s / 1.70 s	0.000 / 0.000

URL	Performance (M / D)	LCP (M / D)	CLS (M / D)
https://kawiare.ee/kuidas-ara-tunda-toeliselt-head-kaheksajalga	60 / 81	8.92 s / 1.89 s	0.000 / 0.000
https://kawiare.ee/kuidas-eristada-kvaliteetset-kaaviari	69 / 95	8.76 s / 1.43 s	0.000 / 0.000
https://kawiare.ee/kammkarp	61 / 93	8.49 s / 1.67 s	0.000 / 0.000
https://kawiare.ee/ahven-ja-koha	68 / 90	9.58 s / 1.91 s	0.000 / 0.000
https://kawiare.ee/lumekrabi	62 / 94	8.49 s / 1.59 s	0.000 / 0.000
https://kawiare.ee/kaaviar-tanapaeval	61 / 95	8.18 s / 1.46 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 background-image)	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 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%).

Item	Status	Detail
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. Optimize Largest Contentful Paint (LCP) Image

- **Impact:** LCP, Performance Score
- **Problem:** LCP is 9.2s on mobile (threshold ≤ 2.5 s), caused by the hero image loading without priority.
- **Solution:** Preload the LCP image and serve it in WebP/AVIF format:

```
<link rel="preload" as="image" href="/img/hero.webp">

```

1B. Fix Cumulative Layout Shift (CLS)

- **Impact:** CLS, User Experience
- **Problem:** CLS is 1.000 (threshold ≤ 0.1), caused by images and content shifting during load.
- **Solution:** Reserve space for all images and dynamic content using explicit `width` and `height` attributes or aspect-ratio CSS:

```
img { aspect-ratio: attr(width) / attr(height); }
```

1C. Force HTTPS redirect on HTTP requests

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

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

1D. Fix Mobile LCP (9.5 s) by deferring JS and optimizing hero

- **Impact:** Performance, Core Web Vitals
- **Problem:** LCP is 9.5 s on mobile due to 16 render-blocking scripts and a hero image implemented as a CSS background (no srcset).
- **Solution:**
 - Move non-critical scripts to footer or add `defer` / `async` .
 - Replace CSS background hero with a real `<img>` or `<picture>` element with `fetchpriority="high"` .
 - Defer unused JavaScript (224 KB wasted).

1E. Enforce HTTPS Redirect

- **Impact:** Security, Trust
- **Problem:** HTTP requests to <http://kawiare.ee> do not redirect to HTTPS, exposing users to potential MITM attacks if they type the URL manually.
- **Solution:** Configure the web server (Apache/Nginx) to return a 301 redirect for all HTTP traffic to HTTPS:

```
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 delay FCP (2.65 s) and contribute to LCP (4.6 s); unused JS totals ~290 KB.
- **Solution:** Add `defer` or `async` to non-critical scripts in `<head>` . Move critical CSS inline and defer remaining JS:

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

Consider code-splitting the 224 KB `main.js` bundle.

1G. Force HTTPS redirect for all HTTP traffic

- **Impact:** Security, Data Integrity

- **Problem:** Security audit shows '<http://kawiare.ee/>...' does not redirect to HTTPS', leaving users on unencrypted connections.
- **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. Optimize Largest Contentful Paint (LCP)

- **Impact:** Performance, Mobile UX
- **Problem:** Mobile LCP is 8.5 s (heavy penalty), driven by 11 render-blocking scripts and a large hero image (2560px).
- **Solution:**
 - Defer non-critical JavaScript (11 render-blocking scripts found).
 - Preload the LCP image resource.
 - Compress the hero image to WebP/AVIF and reduce dimensions to viewport size.

```
<link rel="preload" as="image" href="/path/to/hero.webp">
```

1I. Defer render-blocking JavaScript

- **Impact:** LCP, FCP, Performance Score
- **Problem:** 11 render-blocking scripts delay FCP to 4.6s and LCP to 8.9s on mobile.
- **Solution:** Add `defer` or `async` to non-critical scripts in `<head>`. Move critical CSS inline and load JS at the bottom or via `defer`:

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

1J. Eliminate render-blocking JavaScript to fix LCP

- **Impact:** LCP (8.8s), FCP (2.6s), Mobile Performance (69)
- **Problem:** 5 render-blocking scripts in delay rendering; LCP is 8.8s on mobile, far above the 2.5s target.
- **Solution:** Move non-critical scripts to the footer or add `defer` / `async` attributes. Prioritize deferring WooCommerce and Google Tag Manager scripts:

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

Priority 2: Important

Essential for compliance, user reach, and search visibility.

2A. Defer Render-Blocking JavaScript

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

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

2B. Strengthen Security Headers

- **Impact:** Transport Security, Clickjacking
- **Problem:** HSTS is missing the preload directive; CSP is absent (signals show no auth/payments, so P2/P3).
- **Solution:** Update HSTS header and add CSP:

```
Strict-Transport-Security: max-age=63072000; includeSubDomains;
preload
Content-Security-Policy: default-src 'self'; script-src 'self'
'unsafe-inline' https://www.googletagmanager.com;
```

2C. Fix accessibility violations (Contrast & Headings)

- **Impact:** WCAG Compliance, Usability
- **Problem:** 1 serious color-contrast violation (`#cookiescript_accept`) and heading order skips (H1 → H3).
- **Solution:**
 - Increase contrast ratio for `.cookiescript_accept` to $\geq 4.5:1$.
 - Insert an H2 between the H1 and H3s, or change the H3s to H2s to maintain sequential order.

2D. Strengthen Security Headers (HSTS, COOP, CORP)

- **Impact:** Transport Security, Context Isolation
- **Problem:** HSTS missing preload directive; COOP and CORP missing (grade 40/100).
- **Solution:** Add the following headers:

```
Header always set Strict-Transport-Security "max-age=63072000;
includeSubDomains; preload"
```

```
Header always set Cross-Origin-Opener-Policy "same-origin"
Header always set Cross-Origin-Resource-Policy "same-origin"
```

2E. Fix Accessibility Violations

- **Impact:** WCAG 2.1 AA Compliance
- **Problem:** One serious color-contrast violation on `#cookiescript_accept` and moderate landmark issues (duplicate main, main not top-level).
- **Solution:**
 - Increase contrast ratio on `#cookiescript_accept` to $\geq 4.5:1$.
 - Ensure `<main>` is a direct child of `<body>` and remove duplicate `role="main"` attributes.
 - Add a skip-to-content link at the top of the DOM.

2F. Add Content-Security-Policy (CSP) and HSTS Preload

- **Impact:** XSS Defense, Transport Security
- **Problem:** CSP is missing and HSTS lacks the preload directive; Security Headers grade is 40/100.
- **Solution:**
 - Add CSP with nonce/hash strategy (even for brochure sites, it mitigates injection risks).
 - Add `preload` to HSTS header.

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

2G. Fix Accessibility Violations (Contrast & Landmarks)

- **Impact:** WCAG Compliance, Screen Reader Support
- **Problem:** axe-core reports 1 serious color-contrast violation (`#cookiescript_accept`) and missing skip-to-content link.
- **Solution:**
 - Increase contrast ratio for `.lead-text` and cookie banner to $\geq 4.5:1$.
 - Add a skip link at the top of the DOM:

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

2H. Fix color contrast on cookie consent buttons

- **Impact:** Accessibility (WCAG 1.4.3)
- **Problem:** axe-core reports 1 serious violation: `#cookiescript_accept` and `#cookiescript_reject` fail contrast thresholds.
- **Solution:** Increase text color contrast to at least 4.5:1 against the background. Use browser dev tools to test contrast ratios before deploying:

```
#cookiescript_accept, #cookiescript_reject {
  color: #333333; /* Adjust to meet ratio */
  background: #ffffff;
}
```

2I. Harden security headers

- **Impact:** Transport security, Context isolation
- **Problem:** HSTS missing preload directive; COOP, CORP, and Permissions-Policy are missing.
- **Solution:** Update server headers to include preload and context isolation:

```
Header always set Strict-Transport-Security "max-age=63072000;
includeSubDomains; preload"
Header always set Cross-Origin-Opener-Policy "same-origin"
Header always set Cross-Origin-Resource-Policy "same-origin"
```

2J. Defer Render-Blocking Scripts

- **Impact:** FCP, TBT, Performance
- **Problem:** HTML Inventory reports 11 render-blocking external scripts, including WooCommerce and jQuery, delaying page interactivity.
- **Solution:** Add `defer` or `async` attributes to non-critical scripts in `<head>` :

```
<script src="/wp-content/plugins/woocommerce/..." defer></script>
```

- Move critical CSS inline and defer the rest.
- Remove unused JavaScript identified in PSI (224 KB wasted).

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 text color contrast to at least 4.5:1 ratio for the cookie consent button text. Use a darker text color or lighter background in CSS.

Priority 3: Best Practice

Recommended for long-term maintainability.

3A. Correct HTML Structure and Accessibility

- **Impact:** SEO, Screen Readers
- **Problem:** Page has 3 `<h1>` elements and missing skip-to-content link; serious contrast violation on cookie button.
- **Solution:** Ensure only one `<h1>` per page, add `<a href="#main" class="skip-link">Skip to content</a>`, and fix contrast on `#cookiescript_accept`.

3B. 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, but WP sites benefit from CSP.
- **Solution:** Deploy a nonce-based CSP rather than a flat allowlist:

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

3C. Improve SEO & HTML Validity

- **Impact:** Search Visibility, Code Quality
- **Problem:** Missing meta description affects SEO snippet; W3C reports 2 errors (invalid `<style>` in `<div>`, unescaped `<`).
- **Solution:**
 - Add a `<meta name="description" content="...">` tag.
 - Move inline `<style>` blocks to the `<head>` or external CSS.
 - Escape special characters in text content (e.g., `<` instead of `<`).

3D. Add Meta Description and Fix W3C Errors

- **Impact:** SEO, Code Quality
- **Problem:** SEO audit flags missing meta description; W3C validator reports 2 errors (invalid style tag placement, unescaped character).
- **Solution:**
 - Add `<meta name="description" content="...">` summarizing the article.
 - Move `<style>` blocks to `<head>` or use inline styles correctly.
 - Escape `<` characters in text content as `<`.

3E. Optimize image delivery

- **Impact:** Page weight, LCP
- **Problem:** 2 images missing `loading="lazy"` , 2 missing `srcset` , and LCP image is a large PNG.
- **Solution:**
 - Add `loading="lazy"` to below-fold images.
 - Generate WebP/AVIF versions and use `<picture>` or `srcset` .
 - Ensure LCP image has `fetchpriority="high"` and explicit dimensions.

3F. 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, but CSP remains a best practice.
- **Solution:** Deploy a strict CSP with nonce/hash for scripts rather than a flat allowlist:

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

3G. Resolve HTML Validation & SEO Gaps

- **Impact:** Maintainability, Search Visibility
- **Problem:** W3C reported 2 errors (style in div, bad char) and SEO audit notes missing meta description.
- **Solution:**
 - Move `<style>` blocks out of `<div>` containers.
 - Escape special characters (e.g., `<` to `<`).
 - Add a meta description tag:

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