Accessibility testing tools home task

0 – 3 Stars

Провести аудит в Google Chrome dev tools Accessibility Audit страницы <https://www.epam.com/> (Desktop version)

**ARIA Attributes Follow Best Practices:**

1. [role] values are not valid

ARIA roles must have valid values in order to perform their intended accessibility functions. [Learn more](https://dequeuniversity.com/rules/axe/2.2/aria-roles?application=lighthouse).

| ***Failing Elements:*** |
| --- |
| *<button type="button" role="" class="owl-prev"><span aria-label="Previous">‹</span></button>* |
| *<button type="button" role="" class="owl-next"><span aria-label="Next">›</span></button>* |

**Elements Have Discernible Names**

1. Buttons do not have an accessible name

When a button doesn't have an accessible name, screen readers announce it as "button", making it unusable for users who rely on screen readers. [Learn more](https://dequeuniversity.com/rules/axe/2.2/button-name?application=lighthouse).

| ***Failing Elements*** |
| --- |
| *<button role="button" class="owl-dot active"><span></span></button>* |
| *<button role="button" class="owl-dot"><span></span></button>* |
| *<button role="button" class="owl-dot"><span></span></button>* |

1. Links do not have a discernible name

Link text (and alternate text for images, when used as links) that is discernible, unique, and focusable improves the navigation experience for screen reader users. [Learn more](https://dequeuniversity.com/rules/axe/2.2/link-name?application=lighthouse).

| ***Failing Elements*** |
| --- |
| <a class="responsive-image\_\_link" href="/what-we-do/consult"><img src="/content/dam/epam/en/icons/consult-white.svg" class="responsive-image\_\_img imager-ready" alt="" data-src="/content/dam/epam/en/icons/consult-white.svg" style="max-width: 98px;"></a> |
| <a class="responsive-image\_\_link" href="/what-we-do/design"><img src="/content/dam/epam/en/icons/design-white.svg" class="responsive-image\_\_img imager-ready" alt="" data-src="/content/dam/epam/en/icons/design-white.svg" style="max-width: 98px;"></a> |
| <a class="responsive-image\_\_link" href="/what-we-do/engineer"><img src="/content/dam/epam/en/icons/engineer-white.svg" class="responsive-image\_\_img imager-ready" alt="" data-src="/content/dam/epam/en/icons/engineer-white.svg" style="max-width: 98px;"></a> |
| <a class="responsive-image\_\_link" href="/what-we-do/operate"><img src="/content/dam/epam/en/icons/operate-white.svg" class="responsive-image\_\_img imager-ready" alt="" data-src="/content/dam/epam/en/icons/operate-white.svg" style="max-width: 98px;"></a> |
| <a class="responsive-image\_\_link" href="/what-we-do/optimize"><img src="/content/dam/epam/en/icons/optimize-white.svg" class="responsive-image\_\_img imager-ready" alt="" data-src="/content/dam/epam/en/icons/optimize-white.svg" style="max-width: 98px;"></a> |

**Color Contrast Is Satisfactory**

1. Background and foreground colors do not have a sufficient contrast ratio.

Low-contrast text is difficult or impossible for many users to read. [Learn more](https://dequeuniversity.com/rules/axe/2.2/color-contrast?application=lighthouse).

| ***Failing Elements*** |
| --- |
| <div class="related-content\_\_block-text-label">In the News</div> |
| <div class="related-content\_\_block-text-label">Brochure</div> |
| <div class="related-content\_\_block-text-label">Infographic</div> |

…….

(ect.)

**Elements Are Well Structured**

1. Lists do not contain only <li> elements and script supporting elements (<script> and <template>).

Screen readers have a specific way of announcing lists. Ensuring proper list structure aids screen reader output. [Learn more](https://dequeuniversity.com/rules/axe/2.2/list?application=lighthouse).

| ***Failing Elements*** |
| --- |
| <ul class="locations-viewer\_\_carousel owl-loaded owl-drag"> |

1. List items (<li>) are not contained within <ul> or <ol> parent elements.

Screen readers require list items (`<li>`) to be contained within a parent `<ul>` or `<ol>` to be announced properly. [Learn more](https://dequeuniversity.com/rules/axe/2.2/listitem?application=lighthouse).

| ***Failing Elements*** |
| --- |
| <li class="locations-viewer\_\_country" data-country="mexico"> |
| <li class="locations-viewer\_\_country" data-country="united-states"> |
| <li class="locations-viewer\_\_country" data-country="canada"> |
| <li class="locations-viewer\_\_country" data-country="mexico"> |
| <li class="locations-viewer\_\_country" data-country="united-states"> |
| <li class="locations-viewer\_\_country" data-country="canada"> |
| <li class="locations-viewer\_\_country" data-country="mexico"> |

**Meta Tags Used Properly**

1. [user-scalable="no"] is used in the <meta name="viewport"> element or the [maximum-scale] attribute is less than 5.

Disabling zooming is problematic for users with low vision who rely on screen magnification to properly see the contents of a web page. [Learn more](https://dequeuniversity.com/rules/axe/2.2/meta-viewport?application=lighthouse).

| ***Failing Elements*** |
| --- |
| <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, user-scalable=no"> |

Провести аудит в Siteimprove plugin страницы <https://www.epam.com/> (Убрать фильтр Editor).

**Text Alternatives**

1. Non-text Content

* Image with no alt attribute

**Adaptable**

1. Info and Relationships

* "Bold" tag used to format text

**Distinguishable**

1. Contrast (Minimum)

* Color contrast is insufficient

1. Contrast (Enhanced)

* Color contrast is insufficient

**Navigable**

1. Focus Visible

* Element not highlighted on focus