

# WebEmpower

## Student Web Accessibility Evaluation Guidelines



CENTER ZA  
MEDNARODNO  
SODELOVANJE IN  
RAZVOJ

CENTRE FOR  
INTERNATIONAL  
COOPERATION AND  
DEVELOPMENT



**SLOVENIA**  
AID & PARTNERSHIPS

# 1. Page title is meaningful (1)

## 1. WHY IS IT IMPORTANT:

- User knows the page content by its title;
- User doesn't have to navigate whole page, the content information is INSTANT;
- The page title is the first information announced by screen readers when a page loads.

## 2. WHO BENEFITS?

- Screen reader users (blind people)

## 3. HOW TO CHECK?

- [Short video instructions](#)
- Browser tab

## 2. Page language is correctly specified (2)

1. **WHY IS IT IMPORTANT:** Identifying the language of page or portion of page (if different from page itself) allows screen readers to read the content appropriately.

- `<html lang="en">` - English
- If content within page is in different language: add lang attribute value: `<p lang="fr">`

### 2. WHO BENEFITS?

- Screen reader users (blind people)

### 3. HOW TO CHECK?

- [WAVE Web Accessibility Evaluation Tools](#)

## 3. Focus is visible when using Tab (2)

### 1. WHY IS IT IMPORTANT:

- visual identification of where on the page the user is;
- Square with good contrast follows all active elements on page

2. WHO BENEFITS: screen reader users, persons who do not use mouse

### 3. HOW TO CHECK IT?

- Manually by using the TAB key

# 4. Page elements usable via keyboard (3)

## 1. WHY IS IT IMPORTANT:

- Because some users don't use the mouse, it is important that the keyboard navigation is enabled in the same logical order
- **Skip to Content button**: the user doesn't have to go through header and menu every time to get to main content.

2. **WHO BENEFITS**: users who don't use mouse – blind, elderly, motorically impaired; temporarily disabled users –broken arms.

## 3. HOW TO CHECK IT?

To be checked manually via keyboard: Tab, arrows, Enter and Backspace key.

## 5. Animations or moving content have a pause option (2)

1. **WHY IS IT IMPORTANT:** So that the user can pause the animation if it is bothering him/her (breaks concentration, can be dangerous for users prone to epilepsy, confusing).

2. **WHO BENEFITS:** blind & partially sighted, elderly, users with various cognitive impairments

3. **HOW TO CHECK IT?**

- Usually promotional content or entertainment
- To be checked manually.

## 6. Link text visually distinct from normal text (2)

1. **WHY IS IT IMPORTANT:** predictability, clear visual difference avoiding confusion;

- No underlined text on the page! Underline is usual only for LINKS!

2. **WHO BENEFITS:** users with cognitive impairments, elderly, users who are visually focused (deaf and hard of hearing)

3. **HOW TO CHECK IT?**

- Visual check of different kinds of texts on website.

- *Italic text formation* also not well readable therefore not accessible!

# 7. Links have meaningful texts (1)

1. **WHY IS IT IMPORTANT:** to know where the link is taking the user;
  - important in longer texts with inserted links;
  - Necessary to note if link opens a page in another tab (new screen)
2. **WHO BENEFITS:** Screen reader users, all users
3. **HOW TO CHECK IT?**
  - Manually, usually in longer text posts.

## 8. Images have Alt text (3)

1. **WHY IS IT IMPORTANT:** For blind users to get equal information about the content of graphic image (only visible to screen reader)

- Important to also use substitution of graphical elements on page
- Decorative picture
- Short descriptions in context of post;

2. **WHO BENEFITS:** Blind users

3. **HOW TO CHECK IT?**

- WAVE
- Manually in HTML
- ``.
- Every image should include alt in the markup.

## 9. Videos are captioned (3)

1. **WHY IS IT IMPORTANT:** So the users that do not hear well can follow the content;

- persons hard of hearing, deaf users too;
- **SIGN LANGUAGE IS THE MOTHER LANGUAGE OF DEAF PEOPLE!**
- Foreign language translation

2. **WHO BENEFITS:** HOH, deaf, elderly, person who dont understand the language, also the blind – with txt to sound (reading subtitles)

3. **HOW TO CHECK IT?**

Manually.

## 10. Text/background contrast sufficient (3)

1. WHY IS IT IMPORTANT: to clearly identify text and its readability

2. WHO BENEFITS: Partially sighted, elderly

3. HOW TO CHECK IT?

WAVE or other specialized tool for detecting and setting right contrast

# 11. Headings properly marked in HTML (2)

1. **WHY IS IT IMPORTANT:** to identify main text content from sub-content or chapters etc.

2. **WHO BENEFITS:** All users, especially the blind using screen reader

3. **HOW TO CHECK IT?**

- Wave
- H1, H2, H2, H3, H4 – correct
- H1, H4, H2, H5, H1 – INCORRECT
- Logical sequence, not visual appeal!

## 12. Lists correctly marked in HTML (1)

1. **WHY IS IT IMPORTANT:** usually in main menu on homepage, necessary for screen reader users to identify and access content they want
  - Use of elements `<ol>`, `<ul>` or `<dl>`
2. **WHO BENEFITS:** blind users
3. **HOW TO CHECK IT?**
  - WAVE TOOL

# 13. Form fields linked with labels (2)

1. **WHY IS IT IMPORTANT:** to know what the form field is and what data to insert, and how to use it.
2. **WHO BENEFITS:** screen reader users; mouse usability (increased clickable area); touch screen usability

## 3. HOW TO CHECK IT?

- WAVE tool

```
<!-- Correct Implementation -->  
<label for="email_address">Email Address:</label>  
<input type="text" id="email_address" name="email">
```

# 14. Users get guidance for form errors (2)

1. **WHY IS IT IMPORTANT:** to get clear instructions, in case of errors there is assistance

2. **WHO BENEFITS:** users with cognitive impairments, elderly...ALL

3. **HOW TO CHECK IT?**

- manually – newsletter application etc.
- See indications have more than one signal characteristic : colour and text notice
- It should be visible non stop - - not in form field!

# 15. Page content scales correctly up to 400% (1)

1. **WHY IS IT IMPORTANT:** screen adjustability, visual enhancement
2. **WHAT DOES IT MEAN:** the layout adapts to fit within the browser window without losing information or requiring horizontal scrolling.
2. **WHO BENEFITS:** partially sighted, elderly users
3. **HOW TO CHECK IT?**
  - Manually on website
  - **Screen adjustability** also for other devices – persons on wheel chairs use mobile phone more than any other users!