MAUVE

ACCESSIBILITY EVALUATION REPORT

GLOSSARY

GUIDELINE SET: set composed of one or more guidelines.

GUIDELINE: it expresses general concepts about the accessibility of Web pages and it is composed of one or more criteria (for example, “Provide text alternatives for any non-text content so that it can be changed into other forms people need, such as large print, braille, speech, symbols or simpler language”).

CRITERION: it specializes concepts from a guideline, focusing on a particular aspect of the Web pages and it is composed of one or more checkpoints, (for example, “All non-text content that is presented to the user has a text alternative that serves the equivalent purpose”).

CHECKPOINT: consists of one or more checks and expresses concretely the requirements that must be met by one or more components of a Web page (tags, attributes, CSS properties etc.), such as “Accessibility issue, due to omitting the alt attribute on img elements, area elements, and input elements of type image”.

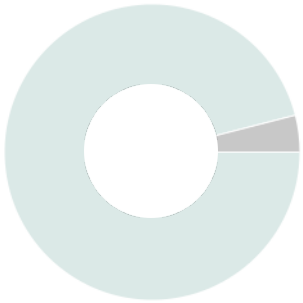
EVALUATION OVERVIEW

BASE URL	https://gitale.comuniweb20.apps.ckube.it/
CRAWLING PARAMETERS	
Number of pages	1
Depth	1
NUMBER OF EVALUATED WEB PAGES	1
EVALUATION DATE	29 apr 2022
EVALUATION TIME	9:54:0

MAUVE++ ACCESSIBILITY PERCENTAGE

The MAUVE++ accessibility percentage is a measure which indicates how much the website is accessible in terms of the number of checkpoints successfully evaluated over the total number of evaluated checkpoints for which the tool has been able to make a validation. Such a measure is computed over the total of the evaluated web pages.

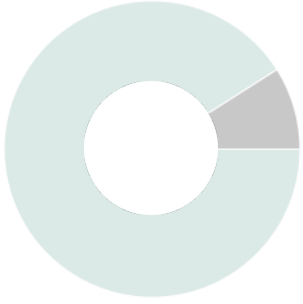
96%



MAUVE++ EVALUATION COMPLETENESS

The MAUVE++ evaluation completeness is a measure which indicates the percentage of evaluated checkpoints for which the tool has been able to make a validation. Such a measure is computed over the total of the evaluated web pages.

91%



EVALUATION OVERVIEW

TOTAL ERRORS

We compute the number of erroneus checkpoints for all the evaluated web pages, the total number of occurrences, and the average number of errors' occurrences per page.

4	TOTAL CHECKPOINT TYPES WITH RESULT "ERROR"
120	TOTAL ERROR OCCURRENCIES FOUND
120	AVERAGE ERROR OCCURENCIES PER PAGE

TOTAL WARNINGS

We compute the number of warning checkpoints for all the evaluated web pages, the total number of occurrences, and the average number of warnings' occurrences per page.

5	TOTAL CHECKPOINT TYPES WITH RESULT "WARNING"
235	TOTAL WARNINGS OCCURENCIES FOUND
235	AVERAGE WARNING OCCURENCIES PER PAGE

EVALUATION OVERVIEW

MOST ERRONEUS PAGES

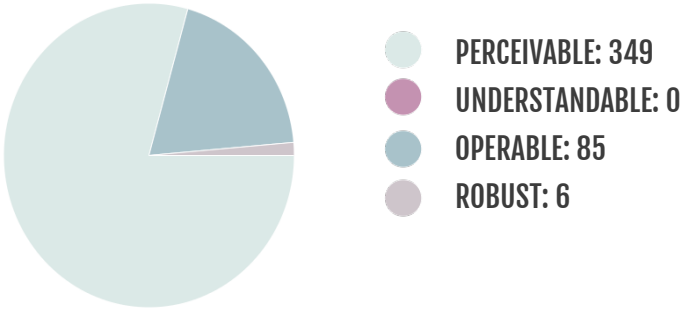
We compute a rank of the most erroneus pages of the website, according to the occurrences of errors found in each evaluated page.

1. https://gitale.comuniweb20.apps.ckube.it/

PAGES EVALUATION

PAGE URL: https://gitale.comuniweb20.apps.ckube.it/

ERRORS GROUPED BY PRINCIPLES



E/W	Errors	No. of occurrences
PERCEIVABLE		
E	SC 1.4.10 - Tech SCR34 Calculating size and position in a way that scales with text size	23
E	SC 1.4.11 - Tech F78 Failure due to styling element outlines and borders in a way that removes or renders non-visible the visual focus indicator	85
E	SC 1.3.1 - 1.4.5 - Tech G140 Separating information and structure from presentation to enable different presentations	10
E	SC 1.4.3 - 1.4.11 - Tech G18 Ensuring that a contrast ratio of at least 4.5:1 exists between text (and images of text) and background behind the text	2
W	SC 1.1.1 - 1.2.1 - Tech F30 Failure of Success Criterion 1.1.1 and 1.2.1 due to using text alternatives that are not alternatives (e.g., filenames or placeholder text)	9
W	SC 1.4.1 - Tech F73 Failure of Success Criterion 1.4.1 due to creating links that are not visually evident without color vision	8
W	SC 1.4.12 - Tech C21 Specifying line spacing in CSS	71
W	SC 1.4.12 - Tech C28 Specifying the size of text containers using em units	141

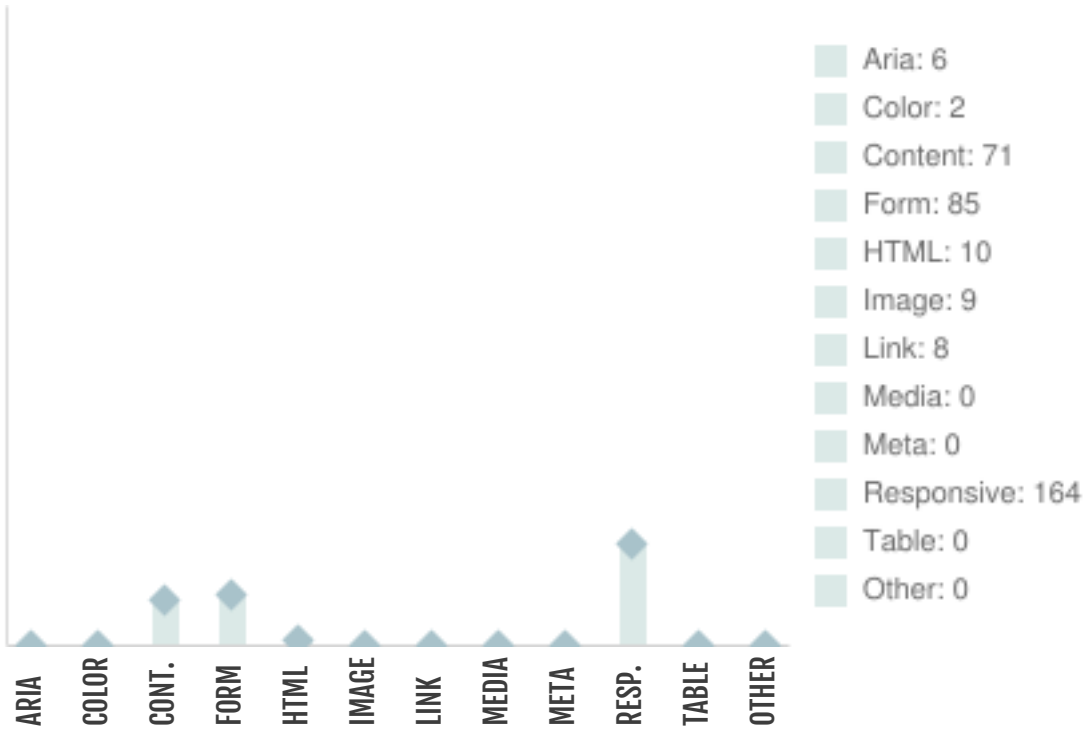
PAGES EVALUATION

E/W	Errors	No. of occurrences
OPERABLE		
E	SC 2.4.7 - Tech F78 Failure due to styling element outlines and borders in a way that removes or renders non-visible the visual focus indicator	85
ROBUST		
W	SC 4.1.2 - Tech ARIA5 Using WAI-ARIA state and property attributes to expose the state of a user interface component	6

PAGES EVALUATION

PAGE URL: https://gitale.comuniweb20.apps.ckube.it/

ERRORS GROUPED BY CATEGORIES



E/W	Errors	No. of occurrences
ARIA		
W	SC 4.1.2 - Tech ARIA5 Using WAI-ARIA state and property attributes to expose the state of a user interface component	6
COLOR		
E	SC 1.4.3 - 1.4.11 - Tech G18 Ensuring that a contrast ratio of at least 4.5:1 exists between text (and images of text) and background behind the text	2
CONTENT		

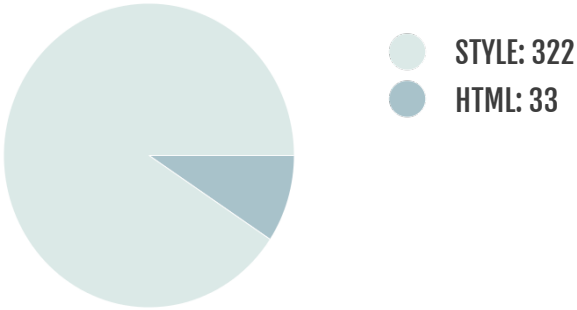
PAGES EVALUATION

E/W	Errors	No. of occurrences
W	SC 1.4.12 - Tech C21 Specifying line spacing in CSS	71
FORM		
E	SC 1.4.11 - 2.4.7 - Tech F78 Failure due to styling element outlines and borders in a way that removes or renders non-visible the visual focus indicator	85
HTML		
E	SC 1.3.1 - 1.4.5 - Tech G140 Separating information and structure from presentation to enable different presentations	10
IMG		
W	SC 1.1.1 - 1.2.1 - Tech F30 Failure of Success Criterion 1.1.1 and 1.2.1 due to using text alternatives that are not alternatives (e.g., filenames or placeholder text)	9
LINK		
W	SC 1.4.1 - Tech F73 Failure of Success Criterion 1.4.1 due to creating links that are not visually evident without color vision	8
RESPONSIVE		
E	SC 1.4.10 - Tech SCR34 Calculating size and position in a way that scales with text size	23
W	SC 1.4.12 - Tech C28 Specifying the size of text containers using em units	141

PAGES EVALUATION

PAGE URL: https://gitale.comuniweb20.apps.ckube.it/

ERRORS GROUPED BY HTML VS STYLE



E/W	Errors	No. of occurrences
STYLE		
E	SC 1.4.10 - Tech SCR34 Calculating size and position in a way that scales with text size	23
E	SC 1.4.11 - 2.4.7 - Tech F78 Failure due to styling element outlines and borders in a way that removes or renders non-visible the visual focus indicator	85
E	SC 1.4.3 - 1.4.11 - Tech G18 Ensuring that a contrast ratio of at least 4.5:1 exists between text (and images of text) and background behind the text	2
W	SC 1.4.12 - Tech C21 Specifying line spacing in CSS	71
W	SC 1.4.12 - Tech C28 Specifying the size of text containers using em units	141
HTML		
E	SC 1.3.1 - 1.4.5 - Tech G140 Separating information and structure from presentation to enable different presentations	10
W	SC 1.1.1 - 1.2.1 - Tech F30 Failure of Success Criterion 1.1.1 and 1.2.1 due to using text alternatives that are not alternatives (e.g., filenames or placeholder text)	9

PAGES EVALUATION

E/W	Errors	No. of occurrences
W	SC 1.4.1 - Tech F73 Failure of Success Criterion 1.4.1 due to creating links that are not visually evident without color vision	8
W	SC 4.1.2 - Tech ARIA5 Using WAI-ARIA state and property attributes to expose the state of a user interface component	6

HIIS LAB @ ISTI-CNR

Pisa • Italy

Interest in design and development of interactive software applications has increased considerably over the last few years. The underlying reason for this interest is the need to provide the greatest number of people with access to applications for the largest number of purposes and in the widest number of contexts. Our research activity is in methods and tools to support user interface designers, software developers, and end users in obtaining systems that can be accessed from different contexts of use (devices, users, physical and social environments) in such a way to improve usability, accessibility, and user experience.

The main goal is to propose new solutions in basic and applied research in the field of human-computer interaction, specifically in user interface software and technologies, mainly under the aegis of national and international programmes and private sector R&D contracts. One of the first groups in Italy in the HCI area, we have become well-known at an International level, as demonstrated by participation in numerous European projects and the board of the most important HCI conferences, and publications in the major HCI and software engineering journals and conferences.

The main research areas concern Methods and Tools for the Analysis, Design and Development of Interactive Applications, Intelligent Interfaces, Interfaces for Ubiquitous Applications, MultiModal Interfaces, Accessibility, Usability Engineering and Models for HCI. Such work has led to the development of a numbers of tools and applications, many of which are publicly available for download.

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