



WCAG CONFORMANCE REPORT ATOMIC WEB STRATEGY WEBSITE AUDIT

WCAG Conformance Report Atomic Web Strategy Website Audit



DIGITAL ACCESS SOLUTIONES AND ASSISTIVE TECHNOLOGIES PTY LTD

M: 0438 771 424

Table of Contents

Contents

1	Executive Summary.....	2
1.1	Principle One: Perceivable	2
1.2	Principle Two: Operable.....	2
1.3	Principle Three: Understandable	3
1.4	Principle Four: Robust.....	3
1.5	Conformance Summary Results.....	3
1.6	Background about Evaluation.....	4
2	Scope of Review	4
3	Audit Report.....	4
3.1	Initial Exploration	4
3.2	Conformance Review	4
3.2.1	Wave Evaluation Tool Review.....	4
3.2.2	Manual Audit.....	4
4	Appendix: References	10
6	Appendix: Reviewers.....	11
7	Appendix: Review Process	12

1 Executive Summary

This report describes the conformance of the atomicwebstrategy.com.au with W3C's [Web Content Accessibility Guidelines \(WCAG\)](#). The review process is described in Section 4 Detailed Results and Recommended Actions are below and is based on evaluation described in [Accessibility Evaluation Resources](#).

Based on this evaluation, the website meets WCAG 2.1, Conformance Level AA, The Australian Standard AS EN 501349:2020. Detailed review results are available in Section 3 below. There are two plug-ins used by the developers that have underlying issues. These will be noted in the certification as being exceptions.

Please see Section 3.2 for more information.

The standards are broken up into four principles. This summary provides an overview of the areas that need to be updated to meet standards.

1.1 Principle One: Perceivable

Perceivable refers to the way that the information and the user interface are presented. All components must be presentable to users in ways that they can perceive. Different users use a variety of techniques and tools to access the information and these tools read and convert the information. Simple techniques can be incorporated into the website or document to ensure that this standard is met.

1.2 Principle Two: Operable

The operable principle measures how easy it is to access all functionality on the website or document. Can the website or document be accessed by keyboard or mouse only? Do keyboard shortcuts exist in the document or website and are they easy to use? Are there videos on the page and can they be operated easily? Are there flashing lights that could possibly cause seizures or other physical reactions? Is the information easily found and are the web pages correctly titled?

1.3 Principle Three: Understandable

This principle asks the question: Can the information and operation of the user interface be understood by the target market? Is it readable and is the language appropriate to the target audience? Does the document or web page appear and operate in a predictable way? Do forms have good error identification and explanation?

1.4 Principle Four: Robust

The robust principle talks about being able to be used by a wide variety of tools from screen readers and braille sensors to puff and switch tools and other assistive technologies. The document and web page must be compatible with different operating systems along with being adaptable.

1.5 Conformance Summary Results

Principle	Guideline	Pass/Fail
Perceivable	Guideline 1.1: Text Alternatives	Pass
Perceivable	Guideline 1.2: Time Based alternatives	Pass to Level AA
Perceivable	Guideline 1.3: Adaptable	Pass to Level AAA
Perceivable	Guideline 1.4: Distinguishable	Pass to Level AAA
Operable	Guideline 2.1: Keyboard Access	Pass to Level AAA
Operable	Guideline 2.2: Enough Time	Pass to Level AAA
Operable	Guideline 2.3: Seizures and Physical Reactions	Pass to Level AAA
Operable	Guideline 2.4: Navigable	Pass to Level AAA
Operable	Guideline 2.5: Input Modalities	Pass to Level AAA
Understandable	Guideline 3.1: Readable	Pass to Level AAA
Understandable	Guideline 3.2: Predictable	Pass to Level AA
Understandable	Guideline 3.3: Input Assistance	Pass to Level AAA
Robust	Guideline 4.1: Compatible	Pass to Level AA

1.6 Background about Evaluation

This study was completed by examining Atomic Web Strategy website.

The evaluation results in this report are based on evaluation conducted on 15 July 2023.

2 Scope of Review

All pages on the website were reviewed. The website URL is <https://www.atomicwebstrategy.com.au/>.

3 Audit Report

3.1 Initial Exploration

The website was built using WordPress with the page builder being Elementor and the theme being Astra. Templates have been used.

3.2 Conformance Review

Detailed Analysis of the website against the WCAG 2.1 Guidelines are found below.

3.2.1 Wave Evaluation Tool Review

The Wave Audit tool found several issues on each page.

As these issues are related to a third party plug-in it will be noted as an exception on the Certification.

3.2.2 Manual Audit

3.2.2.1 Principle 1 Perceivable

3.2.2.1.1 Guideline 1.1 Text Alternatives

Success Criterion Summary: Pass

- Success Criterion 1.1.1 Non-Text Context – Level A – Pass

3.2.2.1.2 Guideline 1.2: Time-based alternatives

Success Criterion Summary: Pass to Level AAA

- Success Criterion 1.2.1 Audio-only and Video-only (Pre-recorded) Level A – Pass
- Success Criterion 1.2.2 Captions (Pre-recorded) Level A: Pass
- Success Criterion 1.2.3 Audio Description or Media Alternative (Pre-recorded) Level A: Pass
- Success Criterion 1.2.4 Captions (Live) Level AA: Not applicable
- Success Criterion 1.2.5 Audio Description (Pre-Recorded) Level AA: Pass
- Success Criterion 1.2.6 Sign Language (Pre-recorded) Level AAA – Not Applicable
- Success Criterion 1.2.7 Extended Audio Description (Pre-recorded) – Level AAA – Not Applicable
- Success Criterion 1.2.8 Media Alternative (Pre-recorded) – Level AAA – Pass
- Success Criterion 1.2.9 Audio only (Live) – Level AAA – Not Applicable

3.2.2.1.3 Guideline 1.3 Adaptable

Summary Criterion Summary: Pass to Level AAA

- Success Criterion 1.3.1 Info and Relationships Level A – Pass
- Success Criterion 1.3.2 Meaningful Sequence Level A – Pass
- Success Criterion 1.3.3 Sensory Characteristics Level A - Pass
- Success Criterion 1.3.4 Orientation Level AA - Pass
- Success Criterion 1.3.5 Identify Input Purpose Leve AA – Pass
- Success Criterion 1.3.6 Identify Purpose Level AAA – Pass

3.2.2.1.4 Guideline 1.4 Distinguishable

Success Criterion Summary: Pass to Level AAA

- Success Criterion 1.4.1 Use Of colour Level A – Pass
- Success Criterion 1.4.2 Audio Control Level A – Pass
- Success Criterion 1.4.3 Contrast (Minimum) Level A – Pass
- Success Criterion 1.4.4 Resize Text - Level AA – Pass
- Success Criterion 1.4.5 Images of Text Level AA – Pass
- Success Contrast 1.4.6 Contrast (Enhanced) Level AAA – Pass
- Success Criterion 1.4.7 Low or No background Audio Level AAA - Pass
- Success Criterion 1.4.8 Visual Presentation Level AAA – Pass
- Success Criterion 1.4.9 Images of Text (No Exception) Level AAA – Pass
- Success Criterion 1.4.10 Reflow Level AA – Pass
- Success Criterion 1.4.11 Non-Text Contrast Level AA – Pass
- Success Criterion 1.4.12 Text spacing Level AA - Pass
- Success Criterion 1.4.13 Content on Hover or Focus Level AA – Pass

3.2.2.2 Principle 2 Operable

3.2.2.2.1 Guideline 2.1 Keyboard Access

Success Criterion Summary: Pass to Level AAA

- Success Criterion 2.1.1 Keyboard Level A – Pass
- Success Criterion 2.1.2 No Keyboard Trap Level A - Pass
- Success Criterion 2.1.3 Keyboard (No Exception) Level AAA – Pass
- Success Criterion 2.1.4 Character Key Shortcuts Level A – Not Applicable

3.2.2.2.2 Guideline 2.2 Enough Time

Success Criterion – Pass to Level AAA

- Success Criterion 2.2.21 Timing Adjustable Level A – Pass
- Success Criterion 2.2.2 Pause, Stop, Hide Level A - Pass
- Success Criterion 2.2.3 No Timing Level AAA – Pass
- Success Criterion 2.2.4 Interruptions Level AAA – Not Applicable
- Success Criterion 2.2.5 Re-authenticating Level AAA – Not Applicable
- Success Criterion 2.2.5 Timeouts Level AAA – Not Applicable

3.2.2.2.3 Guideline 2.3 Seizures and Physical Reactions

Success Criterion – Pass to Level AAA

- Success Criterion 2.3.1 Three Flashes or Below Threshold Level A – Pass
- Success Criterion 2.3.2 Three Flashes Level AAA – Pass
- Success Criterion 2.3.3 Animation from Interactions Level AAA – Pass

3.2.2.2.4 Guideline 2.4 Navigable

Success Criterion – Pass to Level AAA

- Success Criterion 2.4.1 Bypass Blocks Level A – Pass
- Success Criterion 2.4.2 Page Titles Level A – Pass
- Success Criterion 2.4.3 Focus Ordered Level A - Pass
- Success Criterion 2.4.4 Link Purpose (In Context) – Level A – Pass
- Success Criterion 2.4.5 Multiple Ways Level AA – Pass
- Success Criterion 2.4.6 Headings and Labels Level AA – Pass to Level AA
- Success Criterion 2.4.7 Focus Visible Level AA – Pass
- Success Criterion 2.4.8 Location Level AAA – Pass
- Success Criterion 2.4.9 Link Purpose (Link Only) – Level AAA – Pass
- Success Criterion 2.4.10 Section Headings Level AAA – Pass

3.2.2.2.5 Guideline 2.5 Input Modalities

Success Criterion – All criteria Pass to Level AAA

- Success Criterion 2.5.1 Pointer Gestures Level A- Pass
- Success Criterion 2.5.2 Pointer Cancellation Level A – Pass
- Success Criterion 2.5.3 Label in Name Level A – Pass
- Success Criterion 2.5.4 Motion Actuation Level A - Pass
- Success Criterion 2.5.5 Target Size Level AAA - Pass
- Success Criterion Concurrent Input Mechanisms Level AAA - Pass

3.2.2.3 Principle 3 Understandable

3.2.2.3.1 Guideline 3.1 Readable

Success Criterion – Pass to Level AAA

- Success Criterion 3.1.1 Language of Page Level A – Pass
- Success Criterion 3.1.2 Language of Parts Level AA - Pass
- Success Criterion 3.1.3 Unusual Words Level AAA – Pass
- Success Criterion 3.1.4 Abbreviations Level AAA – Pass
- Success Criterion 3.1.5 Reading Level - Level AAA – Pass
- Success Criterion 3.1.6 Pronunciation Level AAA - Pass

3.2.2.3.2 Guideline 3.2 Predictable

Success Criterion – All criteria Pass to Level AA

- Success Criterion 3.2.1 On focus Level A - Pass
- Success Criterion 3.2.2 On Input Level A - Pass
- Success Criterion 3.2.3 Consistent Navigation Level AA - Pass
- Success Criterion 3.2.4 Consistent Identification Level AA - Pass
- Success Criterion 3.2.5 Change on Request Level AAA – Not Applicable

3.2.2.3.3 Guideline 3.3 Input Assistance

Success Criterion – Pass to Level AAA

- Success Criterion 3.3.1 Error Identification Level A – Pass
- Success Criterion 3.3.2 Labels or Instructions Level A – Pass
- Success Criterion 3.3.3 Error Suggestions Level AA - Pass
- Success Criterion 3.3.4 Error Suggestion (Legal, Financial, Data) Level AA - Not Applicable
- Success Criterion 3.3.5 Help Level AAA – Not Applicable
- Success Criterion 3.3.6 Error Prevention (All) – Level AAA – Pass

3.2.2.4 Principle 4 Robust

3.2.2.4.1 Guideline 4.1 Compatible

Success Criterion – Pass to Level AA

- Success Criterion 4.1.1 Parsing Level A – Pass
- Success Criterion 4.1.2 Name Role Value Level A - Pass
- Success Criterion 4.1.3 Status Message Level AA - Pass

4 Appendix: References

- W3C, Website Accessibility Conformance Evaluation Methodology (WCAG-EM) 1.0 (w3.org), 2014, <https://www.w3.org/TR/WCAG-EM/> viewed 5 November 2021
- Web Content Accessibility Guidelines (WCAG) Overview
<https://www.w3.org/WAI/intro/wcag>
- Web Content Accessibility Guidelines 2.1
<https://www.w3.org/TR/WCAG21/>
- Techniques for WCAG 2.1
<https://www.w3.org/WAI/WCAG21/Techniques/>
- Accessibility Evaluation Resources
<http://www.w3.org/WAI/eval/>
- Web Accessibility Evaluation Tools List
<https://www.w3.org/WAI/ER/tools/>
- Using Combined Expertise to Evaluate Web Accessibility
<https://www.w3.org/WAI/eval/reviewteams>
- [PDF Techniques for WCAG 2.0](#)

6 Appendix: Reviewers

- Reviewer 1:
 - Name: Narelle Gatti
 - Professional Certificate in Web Content Accessibility awarded 2022. (University of South Australia)
 - Associate degree in information technology awarded 2007. (Central Queensland University)
 - Associate Diploma in Computing (CQU) awarded in 1990 (University of Central Queensland)
 - Mobile Phone: 0427 100 383
 - WCAG Auditor specialising in vision impairment issues.

- Reviewer 2
 - Name: Mark Muscat
 - Professional Certificate in Web Content Accessibility awarded 2022. (University of South Australia)
 - Post Graduate Diploma in Internet and Web Computing. 2003 Royal Melbourne Institute of Technology
 - Bachelor of Applied Science, Mathematics and Computer Science. 1996. Swinburne University of Technology
 - Over 10 years' experience in Assistive Technology and Access Technology
 - 10 years Web Development on various platforms in the private sector.

7 Appendix: Review Process

Conformance evaluation of web accessibility has been performed using three accessibility testing tools and assistive technologies:

- NV Access Non-Visual Desktop Access (NVDA) Version 2022.1
- Jaws – Version 2020 2012.13 ILM
- Voiceover on mobile mac
- Windows Magnifier with magnification up to 400%.

Testing was done on the:

- Microsoft Edge Version 94.0.992.47 Official Build 64 bit.
- Google Chrome Version 97.0.4692.99 (Official Build) (64-bit)
- Opera Latest available version
- Mozilla Firefox Version 98.0.1

The automated testing tool used is Wave Evaluation Tool Version 3.1.6. The

Testing was also done on the iPhone 11 to check accessibility on a and Samsung Galaxy A12 Software Version 11 using voiceover.

conformance was tested against WCAG 2.1 Level AA.

Testing was done using the W3C [Website Accessibility Conformance Evaluation Methodology \(WCAG-EM\) 1.0 \(w3.org\)](https://www.w3.org/WAI/standards-guidance/wcag/):

- Explore the pages using the Tab Key. This enabled us to understand the navigation and issues that need to be explored during the manual checks.
- Run the Wave Evaluation Tool to highlight any issues that can be found.
- Use NVDA to check compliance against WCAG 2.1 AA level and document results.
- Use Jaws to check compliance against WCAG 2.1 and document the results.

- Use Windows Magnifier to check compliance against WCAG 2.1 and document the results.
- For all issues found suggest alternatives to ensure that Level AA compliance can be met.