

Web Content Accessibility Guidelines (WCAG) 2.0
Mapping of WCAG 2.0 Principles, Success Criteria and Conformance Levels to Security Issues*

* Eight security issues as defined in "Can an accessible web application be secure? Assessment issues for security testers, developers and auditors", OWASP AppSec EU09, Poland

WCAG 2.0 Principles	Guidelines	Success Criteria	Security Issues											
			Conformance	1	2	3	4	5	6	7	8			
1. Perceivable	1.1 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. 1.2 Provide alternatives for time-based media.	1.1.1 Non-text Content	A	●	●		●							
		1.2.1 Audio-only and Video-only (Prerecorded)	A	●		●								
		1.2.2 Captions (Prerecorded)	A	●		●								
		1.2.3 Audio Description or Media Alternative (Prerecorded)	A	●		●								
		1.2.4 Captions (Live)	AA	●		●								
		1.2.5 Audio Description (Prerecorded)	AA	●		●								
		1.2.6 Sign Language (Prerecorded)	AAA	●		●								
		1.2.7 Extended Audio Description (Prerecorded)	AAA	●		●								
		1.2.8 Media Alternative (Prerecorded)	AAA	●		●								
	1.2.9 Audio-only (Live)	AAA	●		●	●								
	1.3 Create content that can be presented in different ways (for example simpler layout) without losing information or structure.	1.3.1 Info and Relationships	A	●										
		1.3.2 Meaningful Sequence	A											
		1.3.3 Sensory Characteristics	A	●										
	1.4 Make it easier for users to see and hear content including separating foreground from background.	1.4.1 Use of Color	A	●										
		1.4.2 Audio Control	A											
		1.4.3 Contrast (Minimum)	AA											
		1.4.4 Resize text	AA							●				
		1.4.5 Images of Text	AA											
		1.4.6 Contrast (Enhanced)	AAA								●			
		1.4.7 Low or No Background Audio	AAA											
1.4.8 Visual Presentation		AAA								●				
1.4.9 Images of Text (No Exception)		AAA												
2. Operable	2.1 Make all functionality available from a keyboard.	2.1.1 Keyboard	A							●				
		2.1.2 No Keyboard Trap	A								●			
		2.1.3 Keyboard (No Exception)	AAA									●		
	2.2 Provide users enough time to read and use content.	2.2.1 Timing Adjustable	A									●		
		2.2.2 Pause, Stop, Hide	A							●	●			
		2.2.3 No Timing	AAA									●		
		2.2.4 Interruptions	AAA								●			
		2.2.5 Re-authenticating	AAA									●	●	
	2.3 Do not design content in a way that is known to cause seizures.	2.3.1 Three Flashes or Below Threshold	A											
		2.3.2 Three Flashes	AAA											
	2.4 Provide ways to help users navigate, find content, and determine where they are.	2.4.1 Bypass Blocks	A	●							●			
		2.4.2 Page Titled	A	●										
		2.4.3 Focus Order	A	●							●			
		2.4.4 Link Purpose (In Context)	A	●							●			
2.4.5 Multiple Ways		AA												
2.4.6 Headings and Labels		AA	●											
2.4.7 Focus Visible		AA								●				
2.4.8 Location		AAA												
2.4.9 Link Purpose (Link Only)		AAA	●								●			
2.4.10 Section Headings		AAA												
3. Understandable	3.1 Make text content readable and understandable.	3.1.1 Language of Page	A											
		3.1.2 Language of Parts	AA											
		3.1.3 Unusual Words	AAA	●										
		3.1.4 Abbreviations	AAA	●										
		3.1.5 Reading Level	AAA	●		●								
		3.1.6 Pronunciation	AAA	●							●			
	3.2 Make Web pages appear and operate in predictable ways.	3.2.1 On Focus	A											
		3.2.2 On Input	A											
		3.2.3 Consistent Navigation	AA											
		3.2.4 Consistent Identification	AA											
		3.2.5 Change on Request	AAA											
	3.3 Help users avoid and correct mistakes.	3.3.1 Error Identification	A	●							●			
		3.3.2 Labels or Instructions	A	●										
		3.3.3 Error Suggestion	AA	●							●			
3.3.4 Error Prevention (Legal, Financial, Data)		AA	●											
3.3.5 Help		AAA	●											
3.3.6 Error Prevention (All)	AAA	●												
4. Robust	4.1 Maximize compatibility with current and future user agents, including assistive technologies.	4.1.1 Parsing	A										●	
		4.1.2 Name, Role, Value	A	●						●				●