SKYNET TECHNOLOGIES

The Difference Between WCAG 2.0, 2.1 and 2.2 Checklist

W3C® MEMBER

IAAP International Association of Accessibility Professionals ORGANIZATIONAL MEMBER

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Introduction

We are an **ISO 9001 & ISO 27001 certified** digital agency and technology company with **21 years of business excellence**. We are a leader in ADA accessibility services including audit, strategy, design, development, accessibility remediation, accessible PDF, DOC, PPT, ePUB, mobile app, web accessibility maintenance, testing, consultation, and more. We provide expertise, implementation, scalability, and compliance with accessibility regulations like ADA, WCAG 2.0, 2.1, 2.2 and Section 508, all within your budget.

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WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.0		
Level	**Guidelines**	**Summary**
2.0) A	1.1.1 - Non-text Content	Provide text alternatives for non-text content
2.0) A	1.2.1 - Audio-only and Video-only (Pre-recorded)	Provide an alternative to video-only and audio-only content
2.0) A	1.2.2 - Captions (Pre-recorded)	Provide captions for videos with audio
2.0) A	1.2.3 - Audio Description or Media Alternative (Pre-recorded)	Video with audio has a second alternative
2.0) A	1.3.1 - Info and Relationships	Logical structure
2.0) A	1.3.2 - Meaningful Sequence	Present content in a meaningful order
2.0) A	1.3.3 - Sensory Characteristics	Use more than one sense for instructions
2.0) A	1.4.1 - Use of Colour	Don't use presentation that relies solely on colour

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.0

Level	Guidelines	Summary
2.0) A	2.1.2 - No Keyboard Trap	Don't trap keyboard users
2.0) A	2.2.1 - Timing Adjustable	Time limits have user controls
2.0) A	2.2.2 - Pause, Stop, Hide	Provide user controls for moving content
2.0) A	2.3.1 - Three Flashes or Below	No content flashes more than three times per second
2.0) A	2.4.1 - Bypass Blocks	Provide a 'Skip to Content' link
2.0) A	2.4.2 - Page Titled	Use helpful and clear page titles
2.0) A	2.4.3 - Focus Order	Logical order
2.0) A	2.4.4 - Link Purpose (In Context)	Every link's purpose is clear from its context

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.0		
Level	**Guidelines**	**Summary**
2.0) A	3.1.1 - Language of Page	Page has a language assigned
2.0) A	3.2.1 - On Focus	Elements do not change when they receive focus
2.0) A	3.2.2 - On Input	Elements do not change when they receive input
2.0) A	3.3.1 - Error Identification	Clearly identify input errors
2.0) A	3.3.2 - Labels or Instructions	Label elements and give instructions
2.0) A	4.1.1 – Parsing	No major code errors
2.0) A	4.1.2 - Name, Role, Value	Build all elements for accessibility
2.0) AA	1.2.4 - Captions (Live)	Live videos have captions

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.0

Level	Guidelines	Summary
2.0) AA	1.2.5 - Audio Description (Pre-recorded)	Users have access to audio description for video content
2.0) AA	1.4.3 - Contrast (Minimum)	Contrast ratio between text and background is at least 4.5:1
2.0) AA	1.4.4 - Resize Text	Text can be resized to 200% without loss of content or function
2.0) AA	1.4.5 - Images of Text	Don't use images of text
2.0) AA	2.4.5 - Multiple Ways	Offer several ways to find pages
2.0) AA	2.4.6 - Headings and Labels	Use clear headings and labels
2.0) AA	2.4.7 - Focus Visible	Ensure keyboard focus is visible and clear
2.0) AA	3.1.2 - Language of Parts	Tell users when the language on a page changes

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.0		
Level	**Guidelines**	**Summary**
2.0) AA	3.2.3 - Consistent Navigation	Use menus consistently
2.0) AA	3.2.4 - Consistent Identification	Use icons and buttons consistently
2.0) AA	3.3.3 - Error Suggestion	Suggest fixes when users make errors
2.0) AA	3.3.4 - Error Prevention (Legal, Financial, Data)	Reduce the risk of input errors for sensitive data
2.0) AAA	1.2.6 - Sign Language (Pre-recorded)	A sign language video is provided for all media content that contains audio.
2.0) AAA	1.2.7 Extended Audio Description (Pre-recorded)	Provide extended audio description for videos
2.0) AAA	1.2.8 Media Alternative (Pre-recorded)	A descriptive text transcript is provided for all pre-recorded media that has a video track.
2.0) AAA	1.2.9 Audio-only (Live)	A descriptive text transcript (e.g., the script of the live audio) is provided for all live content that has audio.

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WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.0		
Level	**Guidelines**	**Summary**
2.0) AAA	1.4.6 Contrast (Enhanced)	Contrast ratio between text and background is at least 7:1
2.0) AAA	1.4.7 Low or No Background Audio	Audio of speech has no or very low background noise so the speech is easily distinguished.
2.0) AAA	1.4.8 Visual Presentation	Offer users a range of presentation options
2.0) AAA	2.1.3 Keyboard (No Exception)	All page functionality is available using the keyboard.
2.0) AAA	2.2.3 No Timing	The content and functionality has no time limits or constraints
2.0) AAA	2.2.4 Interruptions	Interruptions (alerts, page updates, etc.) can be postponed or suppressed by the user
2.0) AAA	2.2.5 Re-authenticating	If an authentication session expires, the user can re-authenticate and continue the activity without losing any data from the current page
2.0) AAA	2.3.2 Three Flashes	No page content flashes more than 3 times per second.

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.0		
Level	**Guidelines**	**Summary**
2.0) AAA	2.4.8 Location	Let users know where they are
2.0) AAA	2.4.9 Link Purpose (Link Only)	Every link's purpose is clear from its text
2.0) AAA	2.4.10 Section Headings	Break up content with headings
2.0) AAA	3.1.3 Unusual Words	Explain any strange words
2.0) AAA	3.1.4 Abbreviations	Explain any abbreviations
2.0) AAA	3.1.5 Reading Level	Users with nine years of school can read your conten
2.0) AAA	3.1.6 Pronunciation	Explain any words that are hard to pronounce
2.0) AAA	3.2.5 Change on Request	Don't change elements until users ask

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.0		
Level	**Guidelines**	**Summary**
2.0) AAA	3.3.5 Help	Provide instructions and cues in context to help in form completion and submission
2.0) AAA	3.3.6 Error Prevention (All)	If the user can submit information, the submission is reversible, verified, or confirmed

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.1 (Additions to 2.0)		
Level	**Guidelines**	**Summary**
2.1) A	2.5.1 Pointer Gestures	Users can perform touch functions with assistive technology or one finger
2.1) A	2.5.2 Pointer Cancellation	This requirement applies to web content that interprets pointer actions
2.1) A	2.5.3 Label in Name	The name contains the text that is presented visually
2.1) A	2.5.4 Motion Actuation	Functions that are trigged by moving a device or by gesturing towards a device can also be operated by more conventional user interface components
2.1) AA	1.3.4 Orientation	Requires authors not to rely on a screen orientation
2.1) AA	1.3.5 Identify Input Purpose	Ensure common names are provided using the HTML autocomplete list
2.1) AA	1.4.10 Reflow	Your website must be responsive
2.1) AA	1.4.11 Non-Text Contrast	High contrast between pieces of text and their backgrounds

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.1 (Additions to 2.0)

Level	Guidelines	Summary
2.1) AA	1.4.12 Text Spacing	Text spacing can be overridden to improve the reading experience
2.1) AA	1.4.13 Content on Hover or Focus	Ensuring content visible on hover or keyboard focus does not lead to accessibility issues
2.1) AA	4.1.3 Status Messages	Distances between paragraphs, rows, words and characters must be able to be increased to a certain value
2.1) AAA	1.3.6 Identify Purpose	Anticipates the release of cognitive metadata to be used with assistive technology to simply interfaces
2.1) AAA	2.2.6 Timeouts	Users need to be warned of the duration of any inactivity that could cause data loss
2.1) AAA	2.3.3 Animation from Interactions	Motion animation triggered by interaction can be disabled
2.1) AAA	2.5.5 Target Size	The size of the target for pointer inputs is at least 44 x 44 CSS pixels
2.1) AAA	2.5.6 Concurrent Input Mechanisms	Web content does not restrict use of input modalities available on a platform

WCAG 2.0, 2.1 and 2.2 Checklist

WCAG 2.2 (Additions to 2.1)		
Level	**Guidelines**	**Summary**
2.2) AA	2.4.11 Focus Not Obscured - Minimum	When a user interface component receives keyboard focus, the component MUST NOT be entirely hidden due to author-created content.
2.2) AAA	2.4.12 Focus Not Obscured - Enhanced	When a user interface component receives keyboard focus, the focus indicator SHOULD NOT be hidden at all (even partially) by author-created content.
2.2) AAA	2.4.13 Focus Appearance	When the keyboard focus indicator is visible, an area of the focus indicator SHOULD meet specified size and color contrast requirements.
2.2) AA	2.5.7 Dragging Movements	All functionality that uses a dragging movement for operation MUST BE achievable by a single pointer without dragging, unless dragging is essential or the functionality is determined by the user agent and not modified by the author.
2.2) AA	2.5.8 Target Size - Minimum	The size of the target for pointer inputs MUST be at least 24 by 24 CSS pixels (with some allowable exceptions).
2.2) A	3.2.6 Consistent Help	Certain help mechanisms that are repeated on multiple web pages MUST occur in the same relative order to other page content, unless a change is initiated by the user.

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WCAG 2.0, 2.1 and 2.2 Checklist

	WCAG 2.2 (Additions to 2.1)	
Level	**Guidelines**	**Summary**
2.2) A	3.3.7 Redundant Entry	Information previously entered by or provided to the user that is required to be entered again in the same process MUST be either auto-populated or available for the user to select, with several allowable exceptions.
2.2) AA	3.3.8 Accessible Authentication - Minimum	A cognitive function test MUST NOT be required for any step in an authentication process, unless specified criteria are met.
2.2) AAA	3.3.9 Accessible Authentication - Enhanced	A cognitive function test SHOULD NOT be required for any step in an authentication process, unless there is an alternative method without a required cognitive test or there is a mechanism to assist the user.

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Contact Information

USA - Kentucky
SKYNET TECHNOLOGIES USA LLC.

Independence
3265 Summitrun Drive,
Independence, KY, 41051

📞 **Phone:** (810)-358-8040

USA - Nevada
SKYNET TECHNOLOGIES USA LLC.

Las Vegas
304 S. Jones Blvd,
Las Vegas, NV, 89107

📞 **Phone:** (725)-222-4706

USA - Florida
SKYNET TECHNOLOGIES USA LLC.

Gainesville
9045 SW 79th Avenue
Gainesville Fl 32608

📞 **Phone:** (352)-448-7349

India
SKYNET TECHNOLOGIES

Jamnagar, Gujarat
258, 259, 260, 2nd Floor,
NEO Square, Near Ambar Cinema,
P. N. Marg, Jamnagar, Gujarat, 361008.

📞 **Phone:** +91 288 2557292

India
SKYNET TECHNOLOGIES

Pune, Maharashtra
Virtual Development Center

📞 **Phone:** +91 93590 89306

Australia
SKYNET TECHNOLOGIES AUSTRALIA PTY LTD

Melbourne
Level 8, 805/220 Collins St,
Melbourne VIC 3000
(8th level of building 220)

📞 **Phone:** +61 73-053-8090

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Thanks for Your Time Any Questions? You can connect with us at:

www.skynettechnologies.com   hello@skynettechnologies.com   +1 - (810)-358-8040