

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.

Hex(00C485) Hex(00FFAD) Hex(00A3C4) Hex(57615E) Hex(00A16D) Hex(002116)

	Hex(00C485)	Hex(00FFAD)	Hex(00A3C4)	Hex(57615E)	Hex(00A16D)	Hex(002116)
Hex(00C485)		Ratio: 1.72 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 7.51 Passed ⁶
Hex(00FFAD)	Ratio: 1.72 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 2.52 Failed ⁵	Ratio: 12.94 Passed ⁶
Hex(00A3C4)	Ratio: 1.31 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 2.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(57615E)	Ratio: 2.82 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 2.15 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(00A16D)	Ratio: 1.46 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 5.14 AA ¹ AAA 18pt ⁴
Hex(002116)	Ratio: 7.51 Passed ⁶	Ratio: 12.94 Passed ⁶	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.67 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

² AA 18pt

AA level for large text above 18pt.

³ AAA

AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for any text size.

⁴ AAA 18pt

AAA level for large text above 18pt.

⁵ Failed

Fails to comply with the Web Content Accessibility Guidelines (WCAG) 2.0.

⁶ Passed

Passes the AAA level of the Web Content Accessibility Guidelines (WCAG) 2.0 for all text sizes.

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