

Converting Colors - WCAG Matrix

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

Hex(00AC9B) Hex(00E0CA) Hex(0067AC) Hex(4E5756) Hex(009688) Hex(001715)

	Hex(00AC9B)	Hex(00E0CA)	Hex(0067AC)	Hex(4E5756)	Hex(009688)	Hex(001715)
Hex(00AC9B)		Ratio: 1.70 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 6.51 AA ¹ AAA 18pt ⁴
Hex(00E0CA)	Ratio: 1.70 Failed ⁵		Ratio: 3.54 AA 18pt ²	Ratio: 4.44 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 11.04 Passed ⁶
Hex(0067AC)	Ratio: 2.09 Failed ⁵	Ratio: 3.54 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.12 AA 18pt ²
Hex(4E5756)	Ratio: 2.61 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(009688)	Ratio: 1.29 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(001715)	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 11.04 Passed ⁶	Ratio: 3.12 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 5.04 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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