

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(0A8D6A) Hex(00B887) Hex(0A6E8D) Hex(404746) Hex(008763) Hex(000806)

Hex(0A8D6A)		Ratio: 1.63 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(00B887)	Ratio: 1.63 Failed ⁵		Ratio: 2.26 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 7.91 Passed ⁶
Hex(0A6E8D)	Ratio: 1.39 Failed ⁵	Ratio: 2.26 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(404746)	Ratio: 2.28 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 1.64 Failed ⁵		Ratio: 2.10 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(008763)	Ratio: 1.08 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.10 Failed ⁵		Ratio: 4.48 AA 18pt ²
Hex(000806)	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 7.91 Passed ⁶	Ratio: 3.50 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 4.48 AA 18pt ²	

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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