

Converting Colors - WCAG Matrix

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

Hex(8D7C50) Hex(B89D58) Hex(808D50) Hex(474540) Hex(876200) Hex(080600)

	Hex(8D7C50)	Hex(B89D58)	Hex(808D50)	Hex(474540)	Hex(876200)	Hex(080600)
Hex(8D7C50)		Ratio: 1.56 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(B89D58)	Ratio: 1.56 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 7.72 Passed ⁶
Hex(808D50)	Ratio: 1.14 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(474540)	Ratio: 2.34 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 2.66 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(876200)	Ratio: 1.36 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 3.64 AA 18pt ²
Hex(080600)	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 2.12 Failed ⁵	Ratio: 3.64 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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