

Converting Colors - WCAG Matrix

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

Hex(826E5D) Hex(A8896F) Hex(82805D) Hex(403C39) Hex(803B00) Hex(000000)

	Hex(826E5D)	Hex(A8896F)	Hex(82805D)	Hex(403C39)	Hex(803B00)	Hex(000000)
Hex(826E5D)		Ratio: 1.49 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 4.34 AA 18pt ²
Hex(A8896F)	Ratio: 1.49 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴
Hex(82805D)	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.70 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(403C39)	Ratio: 2.26 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 2.70 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(803B00)	Ratio: 1.71 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(000000)	Ratio: 4.34 AA 18pt ²	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.92 Failed ⁵	Ratio: 2.54 Failed ⁵	

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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