

Converting Colors - WCAG Matrix

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

Hex(8D895B) Hex(B8B169) Hex(788D5B) Hex(474740) Hex(877C00) Hex(080700)

	Hex(8D895B)	Hex(B8B169)	Hex(788D5B)	Hex(474740)	Hex(877C00)	Hex(080700)
Hex(8D895B)		Ratio: 1.63 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(B8B169)	Ratio: 1.63 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 1.94 Failed ⁵	Ratio: 9.16 Passed ⁶
Hex(788D5B)	Ratio: 1.02 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 2.57 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴
Hex(474740)	Ratio: 2.61 Failed ⁵	Ratio: 4.25 AA 18pt ²	Ratio: 2.57 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(877C00)	Ratio: 1.19 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(080700)	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 9.16 Passed ⁶	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 2.16 Failed ⁵	Ratio: 4.72 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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