

Converting Colors - WCAG Matrix

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

Hex(ED9A77) Hex(FF9466) Hex(EDD577) Hex(786F6C) Hex(B83700) Hex(381100)

	Hex(ED9A77)	Hex(FF9466)	Hex(EDD577)	Hex(786F6C)	Hex(B83700)	Hex(381100)
Hex(ED9A77)		Ratio: 1.02 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 7.60 Passed ⁶
Hex(FF9466)	Ratio: 1.02 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 7.75 Passed ⁶
Hex(EDD577)	Ratio: 1.52 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 4.01 AA 18pt ²	Ratio: 11.52 Passed ⁶
Hex(786F6C)	Ratio: 2.21 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 3.35 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.44 AA 18pt ²
Hex(B83700)	Ratio: 2.65 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(381100)	Ratio: 7.60 Passed ⁶	Ratio: 7.75 Passed ⁶	Ratio: 11.52 Passed ⁶	Ratio: 3.44 AA 18pt ²	Ratio: 2.87 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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