

Converting Colors - WCAG Matrix

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

Hex(E87D5C) Hex(FFDCD1) Hex(E85CC7) Hex(806A63) Hex(000000) Hex(808080)

	Hex(E87D5C)	Hex(FFDCD1)	Hex(E85CC7)	Hex(806A63)	Hex(000000)	Hex(808080)
Hex(E87D5C)		Ratio: 2.18 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 7.52 Passed ⁶	Ratio: 1.41 Failed ⁵
Hex(FFDCD1)	Ratio: 2.18 Failed ⁵		Ratio: 2.42 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 16.41 Passed ⁶	Ratio: 3.09 AA 18pt ²
Hex(E85CC7)	Ratio: 1.11 Failed ⁵	Ratio: 2.42 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(806A63)	Ratio: 1.81 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.63 Failed ⁵		Ratio: 4.16 AA 18pt ²	Ratio: 1.28 Failed ⁵
Hex(000000)	Ratio: 7.52 Passed ⁶	Ratio: 16.41 Passed ⁶	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.41 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 5.32 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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