

Converting Colors - WCAG Matrix

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

Hex(CE8873) Hex(FFE6DE) Hex(CE73BA) Hex(80706B) Hex(000000) Hex(808080)

	Hex(CE8873)	Hex(FFE6DE)	Hex(CE73BA)	Hex(80706B)	Hex(000000)	Hex(808080)
Hex(CE8873)		Ratio: 2.38 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 7.39 Passed ⁶	Ratio: 1.39 Failed ⁵
Hex(FFE6DE)	Ratio: 2.38 Failed ⁵		Ratio: 2.60 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 17.63 Passed ⁶	Ratio: 3.31 AA 18pt ²
Hex(CE73BA)	Ratio: 1.09 Failed ⁵	Ratio: 2.60 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(80706B)	Ratio: 1.66 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.53 Failed ⁵		Ratio: 4.45 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 7.39 Passed ⁶	Ratio: 17.63 Passed ⁶	Ratio: 6.79 AA ¹ AAA 18pt ⁴	Ratio: 4.45 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.39 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.28 Failed ⁵	Ratio: 1.20 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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