

Converting Colors - WCAG Matrix

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

Hex(E5CCC2) Hex(FFF6F2) Hex(E5C2DB) Hex(807A78) Hex(000000) Hex(808080)

	Hex(E5CCC2)	Hex(FFF6F2)	Hex(E5C2DB)	Hex(807A78)	Hex(000000)	Hex(808080)
Hex(E5CCC2)		Ratio: 1.43 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 13.75 Passed ⁶	Ratio: 2.59 Failed ⁵
Hex(FFF6F2)	Ratio: 1.43 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 19.72 Passed ⁶	Ratio: 3.71 AA 18pt ²
Hex(E5C2DB)	Ratio: 1.05 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.63 Failed ⁵	Ratio: 13.07 Passed ⁶	Ratio: 2.46 Failed ⁵
Hex(807A78)	Ratio: 2.76 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.63 Failed ⁵		Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 13.75 Passed ⁶	Ratio: 19.72 Passed ⁶	Ratio: 13.07 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.59 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.07 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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