

Converting Colors - WCAG Matrix

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

Hex(C8AD7F) Hex(FFF5E3) Hex(C87F9B) Hex(80796F) Hex(000000) Hex(808080)

	Hex(C8AD7F)	Hex(FFF5E3)	Hex(C87F9B)	Hex(80796F)	Hex(000000)	Hex(808080)
Hex(C8AD7F)		Ratio: 1.99 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 9.74 Passed ⁶	Ratio: 1.83 Failed ⁵
Hex(FFF5E3)	Ratio: 1.99 Failed ⁵		Ratio: 2.79 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 19.42 Passed ⁶	Ratio: 3.65 AA 18pt ²
Hex(C87F9B)	Ratio: 1.40 Failed ⁵	Ratio: 2.79 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(80796F)	Ratio: 1.99 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 9.74 Passed ⁶	Ratio: 19.42 Passed ⁶	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 4.88 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.83 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 1.31 Failed ⁵	Ratio: 1.09 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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