

Converting Colors - WCAG Matrix

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

Hex(CB9EA4) Hex(FFEDEF) Hex(C59ECB) Hex(807577) Hex(000000) Hex(808080)

	Hex(CB9EA4)	Hex(FFEDEF)	Hex(C59ECB)	Hex(807577)	Hex(000000)	Hex(808080)
Hex(CB9EA4)		Ratio: 2.08 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 8.97 Passed ⁶	Ratio: 1.69 Failed ⁵
Hex(FFEDEF)	Ratio: 2.08 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.61 Passed ⁶	Ratio: 3.50 AA 18pt ²
Hex(C59ECB)	Ratio: 1.02 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 1.93 Failed ⁵	Ratio: 9.13 Passed ⁶	Ratio: 1.72 Failed ⁵
Hex(807577)	Ratio: 1.90 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.93 Failed ⁵		Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 8.97 Passed ⁶	Ratio: 18.61 Passed ⁶	Ratio: 9.13 Passed ⁶	Ratio: 4.73 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.69 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.72 Failed ⁵	Ratio: 1.12 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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