

Converting Colors - WCAG Matrix

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

Hex(C29B9B) Hex(FCEDED) Hex(C29BC2) Hex(807777) Hex(000000) Hex(808080)

	Hex(C29B9B)	Hex(FCEDED)	Hex(C29BC2)	Hex(807777)	Hex(000000)	Hex(808080)
Hex(C29B9B)		Ratio: 2.18 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 8.46 Passed ⁶	Ratio: 1.59 Failed ⁵
Hex(FCEDED)	Ratio: 2.18 Failed ⁵		Ratio: 2.11 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 18.48 Passed ⁶	Ratio: 3.47 AA 18pt ²
Hex(C29BC2)	Ratio: 1.04 Failed ⁵	Ratio: 2.11 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 8.76 Passed ⁶	Ratio: 1.65 Failed ⁵
Hex(807777)	Ratio: 1.75 Failed ⁵	Ratio: 3.83 AA 18pt ²	Ratio: 1.82 Failed ⁵		Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵
Hex(000000)	Ratio: 8.46 Passed ⁶	Ratio: 18.48 Passed ⁶	Ratio: 8.76 Passed ⁶	Ratio: 4.82 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.59 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 1.10 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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