

Converting Colors - WCAG Matrix

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

Hex(D0C9CA) Hex(FFFCFD) Hex(CFC9D0) Hex(807E7E) Hex(000000) Hex(808080)

	Hex(D0C9CA)	Hex(FFFCFD)	Hex(CFC9D0)	Hex(807E7E)	Hex(000000)	Hex(808080)
Hex(D0C9CA)		Ratio: 1.60 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 12.89 Passed ⁶	Ratio: 2.42 Failed ⁵
Hex(FFFCFD)	Ratio: 1.60 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.59 Passed ⁶	Ratio: 3.87 AA 18pt ²
Hex(CFC9D0)	Ratio: 1.00 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 12.92 Passed ⁶	Ratio: 2.43 Failed ⁵
Hex(807E7E)	Ratio: 2.48 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 12.89 Passed ⁶	Ratio: 20.59 Passed ⁶	Ratio: 12.92 Passed ⁶	Ratio: 5.20 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.42 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.02 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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