

Converting Colors - WCAG Matrix

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

Hex(C0C2BA) Hex(FCFCFA) Hex(C2BCBA) Hex(7F807E) Hex(000000) Hex(808080)

	Hex(C0C2BA)	Hex(FCFCFA)	Hex(C2BCBA)	Hex(7F807E)	Hex(000000)	Hex(808080)
Hex(C0C2BA)		Ratio: 1.75 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 11.67 Passed ⁶	Ratio: 2.19 Failed ⁵
Hex(FCFCFA)	Ratio: 1.75 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 20.44 Passed ⁶	Ratio: 3.84 AA 18pt ²
Hex(C2BCBA)	Ratio: 1.04 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 2.12 Failed ⁵	Ratio: 11.20 Passed ⁶	Ratio: 2.11 Failed ⁵
Hex(7F807E)	Ratio: 2.20 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.12 Failed ⁵		Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.00 Failed ⁵
Hex(000000)	Ratio: 11.67 Passed ⁶	Ratio: 20.44 Passed ⁶	Ratio: 11.20 Passed ⁶	Ratio: 5.29 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.19 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.00 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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