

Converting Colors - WCAG Matrix

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

Hex(C4C0D4) Hex(F9F7FF) Hex(C0D0D4) Hex(7B7A80) Hex(000000) Hex(808080)

	Hex(C4C0D4)	Hex(F9F7FF)	Hex(C0D0D4)	Hex(7B7A80)	Hex(000000)	Hex(808080)
Hex(C4C0D4)		Ratio: 1.67 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 11.84 Passed ⁶	Ratio: 2.23 Failed ⁵
Hex(F9F7FF)	Ratio: 1.67 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 19.78 Passed ⁶	Ratio: 3.72 AA 18pt ²
Hex(C0D0D4)	Ratio: 1.12 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 13.21 Passed ⁶	Ratio: 2.49 Failed ⁵
Hex(7B7A80)	Ratio: 2.40 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 2.68 Failed ⁵		Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 1.08 Failed ⁵
Hex(000000)	Ratio: 11.84 Passed ⁶	Ratio: 19.78 Passed ⁶	Ratio: 13.21 Passed ⁶	Ratio: 4.94 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.23 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.08 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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