

Converting Colors - WCAG Matrix

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

Hex(C7CECC) Hex(FCFFFE) Hex(C9CEC7) Hex(7E807F) Hex(000000) Hex(808080)

	Hex(C7CECC)	Hex(FCFFFE)	Hex(C9CEC7)	Hex(7E807F)	Hex(000000)	Hex(808080)
Hex(C7CECC)		Ratio: 1.59 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 13.13 Passed ⁶	Ratio: 2.47 Failed ⁵
Hex(FCFFFE)	Ratio: 1.59 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.87 Passed ⁶	Ratio: 3.93 AA 18pt ²
Hex(C9CEC7)	Ratio: 1.00 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.49 Failed ⁵	Ratio: 13.14 Passed ⁶	Ratio: 2.47 Failed ⁵
Hex(7E807F)	Ratio: 2.49 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 2.49 Failed ⁵		Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 13.13 Passed ⁶	Ratio: 20.87 Passed ⁶	Ratio: 13.14 Passed ⁶	Ratio: 5.28 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.47 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.47 Failed ⁵	Ratio: 1.01 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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