

Converting Colors - WCAG Matrix

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

Hex(CFCED7) Hex(FDFCFF) Hex(CED6D7) Hex(7E7E80) Hex(000000) Hex(808080)

	Hex(CFCED7)	Hex(FDFCFF)	Hex(CED6D7)	Hex(7E7E80)	Hex(000000)	Hex(808080)
Hex(CFCED7)		Ratio: 1.53 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 13.46 Passed ⁶	Ratio: 2.53 Failed ⁵
Hex(FDFCFF)	Ratio: 1.53 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.54 Passed ⁶	Ratio: 3.86 AA 18pt ²
Hex(CED6D7)	Ratio: 1.06 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.74 Failed ⁵	Ratio: 14.22 Passed ⁶	Ratio: 2.68 Failed ⁵
Hex(7E7E80)	Ratio: 2.60 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 2.74 Failed ⁵		Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 13.46 Passed ⁶	Ratio: 20.54 Passed ⁶	Ratio: 14.22 Passed ⁶	Ratio: 5.18 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.53 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.03 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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