

Converting Colors - WCAG Matrix

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

Hex(EDCCED) Hex(FFF5FF) Hex(CCCCED) Hex(807980) Hex(000000) Hex(808080)

	Hex(EDCCED)	Hex(FFF5FF)	Hex(CCCCED)	Hex(807980)	Hex(000000)	Hex(808080)
Hex(EDCCED)		Ratio: 1.37 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 14.46 Passed ⁶	Ratio: 2.72 Failed ⁵
Hex(FFF5FF)	Ratio: 1.37 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 19.76 Passed ⁶	Ratio: 3.72 AA 18pt ²
Hex(CCCCED)	Ratio: 1.08 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 2.70 Failed ⁵	Ratio: 13.43 Passed ⁶	Ratio: 2.53 Failed ⁵
Hex(807980)	Ratio: 2.91 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 2.70 Failed ⁵		Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 14.46 Passed ⁶	Ratio: 19.76 Passed ⁶	Ratio: 13.43 Passed ⁶	Ratio: 4.96 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.72 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.07 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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