

Converting Colors - WCAG Matrix

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

Hex(F0EFFF) Hex(FAFAFF) Hex(EFFEFF) Hex(7D7D80) Hex(000000) Hex(808080)

	Hex(F0EFFF)	Hex(FAFAFF)	Hex(EFFEFF)	Hex(7D7D80)	Hex(000000)	Hex(808080)
Hex(F0EFFF)		Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 18.50 Passed ⁶	Ratio: 3.48 AA 18pt ²
Hex(FAFAFF)	Ratio: 1.09 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 20.18 Passed ⁶	Ratio: 3.80 AA 18pt ²
Hex(EFFEFF)	Ratio: 1.10 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.97 AA 18pt ²	Ratio: 20.29 Passed ⁶	Ratio: 3.82 AA 18pt ²
Hex(7D7D80)	Ratio: 3.61 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.97 AA 18pt ²		Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 18.50 Passed ⁶	Ratio: 20.18 Passed ⁶	Ratio: 20.29 Passed ⁶	Ratio: 5.12 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.48 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 1.04 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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