

Converting Colors - WCAG Matrix

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

Hex(FACFDC) Hex(FFF2F6) Hex(EDCFFA) Hex(80787A) Hex(FFFFFF) Hex(808080)

	Hex(FACFDC)	Hex(FFF2F6)	Hex(EDCFFA)	Hex(80787A)	Hex(FFFFFF)	Hex(808080)
Hex(FACFDC)		Ratio: 1.28 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(FFF2F6)	Ratio: 1.28 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 3.63 AA 18pt ²
Hex(EDCFFA)	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.05 AA 18pt ²	Ratio: 1.41 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(80787A)	Ratio: 3.08 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.05 AA 18pt ²		Ratio: 4.30 AA 18pt ²	Ratio: 1.09 Failed ⁵
Hex(FFFFFF)	Ratio: 1.40 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 4.30 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 2.83 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.80 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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