

Converting Colors - WCAG Matrix

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

Hex(FFC2C7) Hex(FFEDEF) Hex(FAC2FF) Hex(807576) Hex(FFFFFF) Hex(808080)

	Hex(FFC2C7)	Hex(FFEDEF)	Hex(FAC2FF)	Hex(807576)	Hex(FFFFFF)	Hex(808080)
Hex(FFC2C7)		Ratio: 1.35 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(FFEDEF)	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(FAC2FF)	Ratio: 1.03 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 1.48 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(807576)	Ratio: 2.92 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 3.01 AA 18pt ²		Ratio: 4.45 AA 18pt ²	Ratio: 1.13 Failed ⁵
Hex(FFFFFF)	Ratio: 1.52 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 4.45 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 2.59 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.13 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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