

Converting Colors - WCAG Matrix

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

Hex(FFDAF2) Hex(FFF5FB) Hex(E6DAFF) Hex(80797D) Hex(FFFFFF) Hex(808080)

	Hex(FFDAF2)	Hex(FFF5FB)	Hex(E6DAFF)	Hex(80797D)	Hex(FFFFFF)	Hex(808080)
Hex(FFDAF2)		Ratio: 1.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(FFF5FB)	Ratio: 1.19 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(E6DAFF)	Ratio: 1.05 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.20 AA 18pt ²	Ratio: 1.33 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(80797D)	Ratio: 3.35 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 3.20 AA 18pt ²		Ratio: 4.24 AA 18pt ²	Ratio: 1.07 Failed ⁵
Hex(FFFFFF)	Ratio: 1.27 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.24 AA 18pt ²		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 3.11 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 1.07 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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