

Converting Colors - WCAG Matrix

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

Hex(F74787) Hex(FFFFFF) Hex(FF85BD) Hex(FFA1D9) Hex(FFBFF5) Hex(FFDBFF) Hex(FFFAFF)

	Hex(F74787)	Hex(FFFFFF)	Hex(FF85BD)	Hex(FFA1D9)	Hex(FFBFF5)	Hex(FFDBFF)	Hex(FFFAFF)
Hex(F74787)		Ratio: 3.38 AA 18pt ²	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.28 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.38 AA 18pt ²		Ratio: 2.25 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FF85BD)	Ratio: 1.51 Failed ⁵	Ratio: 2.25 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.18 Failed ⁵
Hex(FFA1D9)	Ratio: 1.83 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(FFBFF5)	Ratio: 2.26 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFDBFF)	Ratio: 2.71 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵
Hex(FFFAFF)	Ratio: 3.28 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵	

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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