

Converting Colors - WCAG Matrix

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

Hex(FF427F) Hex(FFFFFF) Hex(FF80B3) Hex(FF9ECF) Hex(FFBCEB) Hex(FFDAFF) Hex(FFF8FF)

	Hex(FF427F)	Hex(FFFFFF)	Hex(FF80B3)	Hex(FF9ECF)	Hex(FFBCEB)	Hex(FFDAFF)	Hex(FFF8FF)
Hex(FF427F)		Ratio: 3.31 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.31 AA 18pt ²		Ratio: 2.34 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FF80B3)	Ratio: 1.42 Failed ⁵	Ratio: 2.34 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(FF9ECF)	Ratio: 1.74 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(FFBCEB)	Ratio: 2.15 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FFDAFF)	Ratio: 2.64 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF8FF)	Ratio: 3.18 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 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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