

Converting Colors - WCAG Matrix

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

	Hex(94408F)	Hex(FFFFFF)	Hex(CC74C6)	Hex(E98FE2)	Hex(FFAAFE)	Hex(FFC6FF)	Hex(FFE2FF)
Hex(94408F)		Ratio: 6.20 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 4.36 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.20 AA ¹ AAA 18pt ⁴		Ratio: 3.05 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(CC74C6)	Ratio: 2.03 Failed ⁵	Ratio: 3.05 AA 18pt ²		Ratio: 1.38 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(E98FE2)	Ratio: 2.80 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(FFAAFE)	Ratio: 3.67 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(FFC6FF)	Ratio: 4.36 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFE2FF)	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 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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