

Converting Colors - WCAG Matrix

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

	Hex(A9427B)	Hex(FFFFFF)	Hex(E377AF)	Hex(FF92CB)	Hex(FFAEE7)	Hex(FFCAFF)	Hex(FFE7FF)
Hex(A9427B)		Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 2.01 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.60 AA ¹ AAA 18pt ⁴		Ratio: 2.79 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(E377AF)	Ratio: 2.01 Failed ⁵	Ratio: 2.79 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(FF92CB)	Ratio: 2.73 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(FFAEE7)	Ratio: 3.32 AA 18pt ²	Ratio: 1.69 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(FFCAFF)	Ratio: 4.04 AA 18pt ²	Ratio: 1.39 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE7FF)	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.45 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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