

Converting Colors - WCAG Matrix

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

Hex(AC1CAC) Hex(FFCBFF) Hex(E65EE4) Hex(FF7AFF) Hex(FF97FF) Hex(FFB4FF)

	Hex(AC1CAC)	Hex(FFCBFF)	Hex(E65EE4)	Hex(FF7AFF)	Hex(FF97FF)	Hex(FFB4FF)
Hex(AC1CAC)		Ratio: 4.33 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.76 AA 18pt ²
Hex(FFCBFF)	Ratio: 4.33 AA 18pt ²		Ratio: 2.15 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(E65EE4)	Ratio: 2.02 Failed ⁵	Ratio: 2.15 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(FF7AFF)	Ratio: 2.70 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(FF97FF)	Ratio: 3.16 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(FFB4FF)	Ratio: 3.76 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.40 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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