

Converting Colors - WCAG Matrix

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

	Hex(CE2BB4)	Hex(FFFFFF)	Hex(FF6CEC)	Hex(FF89FF)	Hex(FFA7FF)	Hex(FFC4FF)	Hex(FFE2FF)
Hex(CE2BB4)		Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 1.86 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.80 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.54 AA ¹ AAA 18pt ⁴		Ratio: 2.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FF6CEC)	Ratio: 1.86 Failed ⁵	Ratio: 2.44 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(FF89FF)	Ratio: 2.22 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(FFA7FF)	Ratio: 2.64 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.44 Failed ⁵
Hex(FFC4FF)	Ratio: 3.15 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE2FF)	Ratio: 3.80 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.44 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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