

Converting Colors - WCAG Matrix

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

Hex(C658AA) Hex(FFFFFF) Hex(FF8EE2) Hex(FFAAFF) Hex(FFC6FF) Hex(FFE3FF)

	Hex(C658AA)	Hex(FFFFFF)	Hex(FF8EE2)	Hex(FFAAFF)	Hex(FFC6FF)	Hex(FFE3FF)
Hex(C658AA)		Ratio: 3.91 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.29 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.91 AA 18pt ²		Ratio: 2.05 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FF8EE2)	Ratio: 1.90 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(FFAAFF)	Ratio: 2.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FFC6FF)	Ratio: 2.75 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE3FF)	Ratio: 3.29 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.42 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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