

Converting Colors - WCAG Matrix

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

Hex(C458C6) Hex(FFFFFF) Hex(FF8FFF) Hex(FFABFF) Hex(FFC7FF) Hex(FFE4FF)

	Hex(C458C6)	Hex(FFFFFF)	Hex(FF8FFF)	Hex(FFABFF)	Hex(FFC7FF)	Hex(FFE4FF)
Hex(C458C6)		Ratio: 3.78 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.78 AA 18pt ²		Ratio: 1.98 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FF8FFF)	Ratio: 1.91 Failed ⁵	Ratio: 1.98 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(FFABFF)	Ratio: 2.25 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FFC7FF)	Ratio: 2.67 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE4FF)	Ratio: 3.20 AA 18pt ²	Ratio: 1.18 Failed ⁵	Ratio: 1.67 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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