

Converting Colors - WCAG Matrix

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

Hex(CA74FF) Hex(FFFFFF) Hex(FFABFF) Hex(FFC7FF) Hex(FFE4FF)

Hex(CA74FF)		Ratio: 2.82 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.39 Failed ⁵
Hex(FFFFFF)	Ratio: 2.82 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FFABFF)	Ratio: 1.68 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵
Hex(FFC7FF)	Ratio: 1.99 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFE4FF)	Ratio: 2.39 Failed ⁵	Ratio: 1.18 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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