

Converting Colors - WCAG Matrix

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

Hex(CA38C3) Hex(FFC9FF) Hex(FF74FC) Hex(FF91FF) Hex(FFAEFF)

Hex(CA38C3)	Ratio: 3.09 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(FFC9FF)	Ratio: 3.09 AA 18pt ²	Ratio: 1.64 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(FF74FC)	Ratio: 1.88 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.39 Failed ⁵
Hex(FF91FF)	Ratio: 2.21 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(FFAEFF)	Ratio: 2.62 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.39 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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