

Converting Colors - WCAG Matrix

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

Hex(A679E2) Hex(C293FF) Hex(DFAEFF) Hex(FCCAFF) Hex(FFE6FF) Hex(FFFFFF)

	Hex(A679E2)	Hex(C293FF)	Hex(DFAEFF)	Hex(FCCAFF)	Hex(FFE6FF)	Hex(FFFFFF)
Hex(A679E2)		Ratio: 1.38 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(C293FF)	Ratio: 1.38 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(DFAEFF)	Ratio: 1.80 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(FCCAFF)	Ratio: 2.33 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(FFE6FF)	Ratio: 2.79 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(FFFFFF)	Ratio: 3.25 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.17 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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