

Converting Colors - WCAG Matrix

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

Hex(C46FB0) Hex(FFFFFF) Hex(FEA5E8) Hex(FFC0FF) Hex(FFDDFF) Hex(FFFAFF)

	Hex(C46FB0)	Hex(FFFFFF)	Hex(FEA5E8)	Hex(FFC0FF)	Hex(FFDDFF)	Hex(FFFAFF)
Hex(C46FB0)		Ratio: 3.36 AA 18pt ²	Ratio: 1.88 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.36 AA 18pt ²		Ratio: 1.79 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FEA5E8)	Ratio: 1.88 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(FFC0FF)	Ratio: 2.28 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFDDFF)	Ratio: 2.73 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFAFF)	Ratio: 3.26 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.43 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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