

Converting Colors - WCAG Matrix

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

Hex(6D6DDF) Hex(FFFFFF) Hex(A7A1FF) Hex(C4BCFF) Hex(E2D7FF) Hex(FFF4FF)

	Hex(6D6DDF)	Hex(FFFFFF)	Hex(A7A1FF)	Hex(C4BCFF)	Hex(E2D7FF)	Hex(FFF4FF)
Hex(6D6DDF)		Ratio: 4.28 AA 18pt ²	Ratio: 1.87 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 4.00 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.28 AA 18pt ²		Ratio: 2.29 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(A7A1FF)	Ratio: 1.87 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(C4BCFF)	Ratio: 2.44 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(E2D7FF)	Ratio: 3.14 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FFF4FF)	Ratio: 4.00 AA 18pt ²	Ratio: 1.07 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.28 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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