

Converting Colors - WCAG Matrix

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

Hex(4F51C3) Hex(FFFFFF) Hex(8A82FC) Hex(A79DFF) Hex(C5B8FF) Hex(E2D3FF) Hex(FFF0FF)

	Hex(4F51C3)	Hex(FFFFFF)	Hex(8A82FC)	Hex(A79DFF)	Hex(C5B8FF)	Hex(E2D3FF)	Hex(FFF0FF)
Hex(4F51C3)		Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 5.81 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 6.37 AA ¹ AAA 18pt ⁴		Ratio: 3.14 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.10 Failed ⁵
Hex(8A82FC)	Ratio: 2.03 Failed ⁵	Ratio: 3.14 AA 18pt ²		Ratio: 1.33 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(A79DFF)	Ratio: 2.70 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(C5B8FF)	Ratio: 3.54 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.64 Failed ⁵
Hex(E2D3FF)	Ratio: 4.55 AA ¹ AAA 18pt ⁴	Ratio: 1.40 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FFF0FF)	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.15 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.

This PDF was generated on convertingcolors.com.