

Converting Colors - WCAG Matrix

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

	Hex(2F2FA1)	Hex(FFFFFF)	Hex(6D5ED9)	Hex(8A77F6)	Hex(A791FF)	Hex(C5ACFF)	Hex(E2C7FF)	Hex(FFE3FF)
Hex(2F2FA1)		Ratio: 10.28 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 8.66 Passed ⁶
Hex(FFFFFF)	Ratio: 10.28 Passed ⁶		Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(6D5ED9)	Ratio: 2.08 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 4.16 AA 18pt ²
Hex(8A77F6)	Ratio: 2.96 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A791FF)	Ratio: 3.98 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(C5ACFF)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 1.96 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(E2C7FF)	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 1.52 Failed ⁵	Ratio: 3.26 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FFE3FF)	Ratio: 8.66 Passed ⁶	Ratio: 1.19 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.65 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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