

Converting Colors - WCAG Matrix

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

	Hex(141AD7)	Hex(FFFFFF)	Hex(704FFF)	Hex(9269FF)	Hex(B283FF)	Hex(D29EFF)	Hex(F1BAFF)	Hex(FFD6FF)	Hex(FFF3FF)
Hex(141AD7)		Ratio: 9.73 Passed ⁶	Ratio: 1.97 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 7.56 Passed ⁶	Ratio: 9.04 Passed ⁶
Hex(FFFFFF)	Ratio: 9.73 Passed ⁶		Ratio: 4.94 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(704FFF)	Ratio: 1.97 Failed ⁵	Ratio: 4.94 AA ¹ AAA 18pt ⁴		Ratio: 1.34 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 4.59 AA ¹ AAA 18pt ⁴
Hex(9269FF)	Ratio: 2.63 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 1.34 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.43 AA 18pt ²
Hex(B283FF)	Ratio: 3.51 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(D29EFF)	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(F1BAFF)	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.59 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(FFD6FF)	Ratio: 7.56 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 3.84 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF3FF)	Ratio: 9.04 Passed ⁶	Ratio: 1.08 Failed ⁵	Ratio: 4.59 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.48 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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