

Converting Colors - WCAG Matrix

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

Hex(614FFD) Hex(FFFFFF) Hex(A282FF) Hex(C29DFF) Hex(E1B8FF) Hex(FFD4FF) Hex(FFF1FF)

	Hex(614FFD)	Hex(FFFFFF)	Hex(A282FF)	Hex(C29DFF)	Hex(E1B8FF)	Hex(FFD4FF)	Hex(FFF1FF)
Hex(614FFD)		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.77 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴
Hex(FFFFFF)	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 2.93 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(A282FF)	Ratio: 1.77 Failed ⁵	Ratio: 2.93 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(C29DFF)	Ratio: 2.36 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(E1B8FF)	Ratio: 3.09 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(FFD4FF)	Ratio: 3.98 AA 18pt ²	Ratio: 1.30 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFF1FF)	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.54 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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