

Converting Colors - WCAG Matrix

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

	Hex(5D2DF3)	Hex(7F48FF)	Hex(9F63FF)	Hex(BF7EFF)	Hex(DE99FF)	Hex(FEB5FF)	Hex(FFD2FF)	Hex(FFEEFF)	Hex(FFFFFF)
Hex(5D2DF3)		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 4.23 AA 18pt ²	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 6.70 AA ¹ AAA 18pt ⁴
Hex(7F48FF)	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(9F63FF)	Ratio: 1.82 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.68 AA 18pt ²
Hex(BF7EFF)	Ratio: 2.44 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(DE99FF)	Ratio: 3.22 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(FEB5FF)	Ratio: 4.23 AA 18pt ²	Ratio: 3.10 AA 18pt ²	Ratio: 2.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(FFD2FF)	Ratio: 5.08 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.32 Failed ⁵
Hex(FFEEFF)	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 4.46 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFFFFF)	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.68 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.10 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.