

Converting Colors - WCAG Matrix

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

	Hex(547AFF)	Hex(6E8EFF)	Hex(87A2FF)	Hex(A1B6FF)	Hex(BACAFF)	Hex(D4DDFF)	Hex(EDF1FF)	Hex(FFFFFF)
Hex(547AFF)		Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 3.75 AA 18pt ²
Hex(6E8EFF)	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.01 AA 18pt ²
Hex(87A2FF)	Ratio: 1.54 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(A1B6FF)	Ratio: 1.90 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.97 Failed ⁵
Hex(BACAFF)	Ratio: 2.32 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.62 Failed ⁵
Hex(D4DDFF)	Ratio: 2.78 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(EDF1FF)	Ratio: 3.32 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(FFFFFF)	Ratio: 3.75 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.13 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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