

Converting Colors - WCAG Matrix

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

	Hex(3B5EFF)	Hex(5573FF)	Hex(6E88FF)	Hex(889DFF)	Hex(A1B2FF)	Hex(BBC7FF)	Hex(D4DCFF)	Hex(EEF1FF)	Hex(FFFFFF)
Hex(3B5EFF)		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 4.41 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴
Hex(5573FF)	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 3.98 AA 18pt ²
Hex(6E88FF)	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(889DFF)	Ratio: 1.96 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(A1B2FF)	Ratio: 2.44 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(BBC7FF)	Ratio: 3.01 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.65 Failed ⁵
Hex(D4DCFF)	Ratio: 3.66 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(EEF1FF)	Ratio: 4.41 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.13 Failed ⁵
Hex(FFFFFF)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.98 AA 18pt ²	Ratio: 3.17 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.36 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.

This PDF was generated on convertingcolors.com.