

Converting Colors - WCAG Matrix

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

	Hex(6035FF)	Hex(744EFF)	Hex(8868FF)	Hex(9C81FF)	Hex(B09BFF)	Hex(C4B4FF)	Hex(D8CEFF)	Hex(ECE7FF)	Hex(FFFFFF)
Hex(6035FF)		Ratio: 1.24 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(744EFF)	Ratio: 1.24 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.08 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(8868FF)	Ratio: 1.59 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.84 AA 18pt ²
Hex(9C81FF)	Ratio: 2.03 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(B09BFF)	Ratio: 2.60 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(C4B4FF)	Ratio: 3.28 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(D8CEFF)	Ratio: 4.11 AA 18pt ²	Ratio: 3.32 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(ECE7FF)	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²	Ratio: 3.19 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵
Hex(FFFFFF)	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 3.84 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.86 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.

This PDF was generated on convertingcolors.com.