

Converting Colors - WCAG Matrix

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

	Hex(3616FF)	Hex(4C30FF)	Hex(6249FF)	Hex(7862FF)	Hex(8E7CFF)	Hex(A495FF)	Hex(BAAFFF)	Hex(D0C9FF)	Hex(E6E2FF)	Hex(FCFBFF)
Hex(3616FF)		Ratio: 1.17 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 7.51 Passed ⁶
Hex(4C30FF)	Ratio: 1.17 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(6249FF)	Ratio: 1.44 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.26 AA 18pt ²	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(7862FF)	Ratio: 1.84 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 4.08 AA 18pt ²
Hex(8E7CFF)	Ratio: 2.39 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(A495FF)	Ratio: 3.06 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(BAAFFF)	Ratio: 3.93 AA 18pt ²	Ratio: 3.36 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(D0C9FF)	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 4.25 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(E6E2FF)	Ratio: 6.14 AA ¹ AAA 18pt ⁴	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 4.26 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FCFBFF)	Ratio: 7.51 Passed ⁶	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.22 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.