

Converting Colors - WCAG Matrix

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

	Hex(0031BE)	Hex(FFE8FF)	Hex(6160F8)	Hex(8279FF)	Hex(A193FF)	Hex(BFADFF)	Hex(DEC9FF)	Hex(FDE5FF)
Hex(0031BE)		Ratio: 8.36 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 8.17 Passed ⁶
Hex(FFE8FF)	Ratio: 8.36 Passed ⁶		Ratio: 4.02 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(6160F8)	Ratio: 2.08 Failed ⁵	Ratio: 4.02 AA 18pt ²		Ratio: 1.35 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.93 AA 18pt ²
Hex(8279FF)	Ratio: 2.81 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A193FF)	Ratio: 3.73 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(BFADFF)	Ratio: 4.87 AA ¹ AAA 18pt ⁴	Ratio: 1.71 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(DEC9FF)	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.27 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.28 Failed ⁵
Hex(FDE5FF)	Ratio: 8.17 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.28 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.