

Converting Colors - WCAG Matrix

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

	Hex(3F00D4)	Hex(4E15D4)	Hex(5D2AD4)	Hex(6C3FD4)	Hex(7B55D4)	Hex(8A6AD4)	Hex(987FD4)	Hex(A794D4)	Hex(B6A9D4)	Hex(C5BED4)
Hex(3F00D4)		Ratio: 1.10 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴
Hex(4E15D4)	Ratio: 1.10 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 4.91 AA ¹ AAA 18pt ⁴
Hex(5D2AD4)	Ratio: 1.27 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.26 AA 18pt ²
Hex(6C3FD4)	Ratio: 1.53 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(7B55D4)	Ratio: 1.89 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(8A6AD4)	Ratio: 2.36 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(987FD4)	Ratio: 2.92 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(A794D4)	Ratio: 3.62 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(B6A9D4)	Ratio: 4.45 AA 18pt ²	Ratio: 4.04 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(C5BED4)	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 4.91 AA ¹ AAA 18pt ⁴	Ratio: 4.26 AA 18pt ²	Ratio: 3.54 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.49 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.