

Converting Colors - WCAG Matrix

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

	Hex(3E72E7)	Hex(5582E7)	Hex(6C92E7)	Hex(83A2E7)	Hex(9AB2E7)	Hex(B2C2E7)	Hex(C9D2E7)	Hex(E0E2E7)	Hex(F7F2E7)	Hex(FFFE7)
Hex(3E72E7)		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 4.35 AA 18pt ²
Hex(5582E7)	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.61 AA 18pt ²
Hex(6C92E7)	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(83A2E7)	Ratio: 1.74 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.50 Failed ⁵
Hex(9AB2E7)	Ratio: 2.08 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.09 Failed ⁵
Hex(B2C2E7)	Ratio: 2.47 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.76 Failed ⁵
Hex(C9D2E7)	Ratio: 2.91 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(E0E2E7)	Ratio: 3.40 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(F7F2E7)	Ratio: 3.95 AA 18pt ²	Ratio: 3.28 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(FFFE7)	Ratio: 4.35 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 3.00 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.10 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.