

Converting Colors - WCAG Matrix

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

	Hex(96A1EA)	Hex(7F8DEA)	Hex(6779EA)	Hex(5064EA)	Hex(3850EA)	Hex(213CEA)	Hex(0A27EA)	Hex(0020EA)
Hex(96A1EA)		Ratio: 1.24 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(7F8DEA)	Ratio: 1.24 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(6779EA)	Ratio: 1.56 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(5064EA)	Ratio: 1.97 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(3850EA)	Ratio: 2.45 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(213CEA)	Ratio: 2.96 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(0A27EA)	Ratio: 3.45 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(0020EA)	Ratio: 3.58 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.30 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.04 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.

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