

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.										
	Hex(8E8EA0)	Hex(7E7EA0)	Hex(6E6EA0)	Hex(5E5EA0)	Hex(4E4EA0)	Hex(3E3EA0)	Hex(2E2EA0)	Hex(1E1EA0)	Hex(0E0EA0)	Hex(0000A0)
Hex(8E8EA0)		Ratio: 1.21 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 4.33 AA 18pt ²
Hex(7E7EA0)	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 3.57 AA 18pt ²
Hex(6E6EA0)	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(5E5EA0)	Ratio: 1.82 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(4E4EA0)	Ratio: 2.23 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.94 Failed ⁵
Hex(3E3EA0)	Ratio: 2.72 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(2E2EA0)	Ratio: 3.24 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.34 Failed ⁵
Hex(1E1EA0)	Ratio: 3.73 AA 18pt ²	Ratio: 3.08 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(0E0EA0)	Ratio: 4.11 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(0000A0)	Ratio: 4.33 AA 18pt ²	Ratio: 3.57 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.05 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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