

Converting Colors - WCAG Matrix

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

	Hex(A495E5)	Hex(917EE5)	Hex(7F67E5)	Hex(6C50E5)	Hex(5A39E5)	Hex(4723E5)	Hex(340CE5)	Hex(2B00E5)
Hex(A495E5)		Ratio: 1.27 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.44 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(917EE5)	Ratio: 1.27 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(7F67E5)	Ratio: 1.61 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(6C50E5)	Ratio: 2.04 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(5A39E5)	Ratio: 2.54 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(4723E5)	Ratio: 3.03 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵
Hex(340CE5)	Ratio: 3.44 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(2B00E5)	Ratio: 3.58 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.23 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.18 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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