

Converting Colors - WCAG Matrix

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

	Hex(C1A4EA)	Hex(B38DEA)	Hex(A575EA)	Hex(975EEA)	Hex(8A46EA)	Hex(7C2FEA)	Hex(6E18EA)	Hex(6000EA)
Hex(C1A4EA)		Ratio: 1.23 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.64 AA 18pt ²
Hex(B38DEA)	Ratio: 1.23 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(A575EA)	Ratio: 1.54 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.36 Failed ⁵
Hex(975EEA)	Ratio: 1.91 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(8A46EA)	Ratio: 2.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(7C2FEA)	Ratio: 2.83 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(6E18EA)	Ratio: 3.28 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(6000EA)	Ratio: 3.64 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.11 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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