

Converting Colors - WCAG Matrix

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

	Hex(C5279A)	Hex(A80080)	Hex(8B0067)	Hex(6E004E)	Hex(520037)	Hex(380021)	Hex(160005)	Hex(000000)
Hex(C5279A)		Ratio: 1.39 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 4.13 AA 18pt ²
Hex(A80080)	Ratio: 1.39 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 2.98 Failed ⁵
Hex(8B0067)	Ratio: 1.80 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(6E004E)	Ratio: 2.33 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(520037)	Ratio: 2.92 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(380021)	Ratio: 3.47 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.19 Failed ⁵
Hex(160005)	Ratio: 3.99 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 4.13 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.19 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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