

Converting Colors - WCAG Matrix

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

	Hex(A67CAB)	Hex(8B6390)	Hex(714A77)	Hex(58335E)	Hex(401D46)	Hex(290730)	Hex(12001B)	Hex(000000)
Hex(A67CAB)		Ratio: 1.42 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 6.09 AA ¹ AAA 18pt ⁴
Hex(8B6390)	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 4.11 AA 18pt ²	Ratio: 4.29 AA 18pt ²
Hex(714A77)	Ratio: 2.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 2.95 Failed ⁵
Hex(58335E)	Ratio: 2.97 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.05 Failed ⁵
Hex(401D46)	Ratio: 4.11 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.48 Failed ⁵
Hex(290730)	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵
Hex(12001B)	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 4.11 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 6.09 AA ¹ AAA 18pt ⁴	Ratio: 4.29 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.17 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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