

Converting Colors - WCAG Matrix

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

Hex(C8018B) Hex(FF00B1) Hex(C8A001) Hex(635A60) Hex(A30071) Hex(240019)

	Hex(C8018B)	Hex(FF00B1)	Hex(C8A001)	Hex(635A60)	Hex(A30071)	Hex(240019)
Hex(C8018B)		Ratio: 1.54 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.52 AA 18pt ²
Hex(FF00B1)	Ratio: 1.54 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴
Hex(C8A001)	Ratio: 2.21 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.68 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 7.79 Passed ⁶
Hex(635A60)	Ratio: 1.21 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.68 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(A30071)	Ratio: 1.37 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.57 Failed ⁵
Hex(240019)	Ratio: 3.52 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 7.79 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 2.57 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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