

Converting Colors - WCAG Matrix

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

Hex(B681AF) Hex(ED9AE2) Hex(B68194) Hex(5C535B) Hex(9C0086) Hex(1C0018)

	Hex(B681AF)	Hex(ED9AE2)	Hex(B68194)	Hex(5C535B)	Hex(9C0086)	Hex(1C0018)
Hex(B681AF)		Ratio: 1.53 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 6.35 AA ¹ AAA 18pt ⁴
Hex(ED9AE2)	Ratio: 1.53 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 3.74 AA 18pt ²	Ratio: 9.71 Passed ⁶
Hex(B68194)	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 6.17 AA ¹ AAA 18pt ⁴
Hex(5C535B)	Ratio: 2.37 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.31 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C0086)	Ratio: 2.45 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(1C0018)	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 9.71 Passed ⁶	Ratio: 6.17 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 2.60 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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