

Converting Colors - WCAG Matrix

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

Hex(B76BAB) Hex(ED77DA) Hex(B79C6B) Hex(5C535A) Hex(9C0083) Hex(1C0018)

	Hex(B76BAB)	Hex(ED77DA)	Hex(B79C6B)	Hex(5C535A)	Hex(9C0083)	Hex(1C0018)
Hex(B76BAB)		Ratio: 1.45 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴
Hex(ED77DA)	Ratio: 1.45 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 7.77 Passed ⁶
Hex(B79C6B)	Ratio: 1.40 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.81 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 7.51 Passed ⁶
Hex(5C535A)	Ratio: 2.01 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 2.81 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(9C0083)	Ratio: 2.08 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 2.58 Failed ⁵
Hex(1C0018)	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 7.77 Passed ⁶	Ratio: 7.51 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 2.58 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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