

Converting Colors - WCAG Matrix

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

Hex(B82A9E) Hex(F011C7) Hex(2AB889) Hex(5C535A) Hex(9C007F) Hex(1C0017)

	Hex(B82A9E)	Hex(F011C7)	Hex(2AB889)	Hex(5C535A)	Hex(9C007F)	Hex(1C0017)
Hex(B82A9E)		Ratio: 1.45 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(F011C7)	Ratio: 1.45 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴
Hex(2AB889)	Ratio: 2.15 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 2.93 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 7.83 Passed ⁶
Hex(5C535A)	Ratio: 1.36 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.93 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(9C007F)	Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(1C0017)	Ratio: 3.64 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 7.83 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 2.56 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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