

Converting Colors - WCAG Matrix

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

Hex(B6007F) Hex(ED00A5) Hex(B69200) Hex(5C5359) Hex(9C006D) Hex(1C0014)

	Hex(B6007F)	Hex(ED00A5)	Hex(B69200)	Hex(5C5359)	Hex(9C006D)	Hex(1C0014)
Hex(B6007F)		Ratio: 1.56 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(ED00A5)	Ratio: 1.56 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 4.86 AA ¹ AAA 18pt ⁴
Hex(B69200)	Ratio: 2.15 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 2.50 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 6.70 AA ¹ AAA 18pt ⁴
Hex(5C5359)	Ratio: 1.16 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.50 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C006D)	Ratio: 1.25 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(1C0014)	Ratio: 3.11 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 2.49 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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