

Converting Colors - WCAG Matrix

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

Hex(C7199E) Hex(FF00C3) Hex(C79919) Hex(635A61) Hex(A3007D) Hex(24001B)

	Hex(C7199E)	Hex(FF00C3)	Hex(C79919)	Hex(635A61)	Hex(A3007D)	Hex(24001B)
Hex(C7199E)		Ratio: 1.49 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(FF00C3)	Ratio: 1.49 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 5.54 AA ¹ AAA 18pt ⁴
Hex(C79919)	Ratio: 1.97 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 7.33 Passed ⁶
Hex(635A61)	Ratio: 1.28 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.53 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(A3007D)	Ratio: 1.42 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 2.80 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.62 Failed ⁵
Hex(24001B)	Ratio: 3.72 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 7.33 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 2.62 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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