

Converting Colors - WCAG Matrix

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

Hex(C700BD) Hex(FF00F2) Hex(C70059) Hex(635963) Hex(A3009C) Hex(240021)

	Hex(C700BD)	Hex(FF00F2)	Hex(C70059)	Hex(635963)	Hex(A3009C)	Hex(240021)
Hex(C700BD)		Ratio: 1.57 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(FF00F2)	Ratio: 1.57 Failed ⁵		Ratio: 1.83 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴
Hex(C70059)	Ratio: 1.17 Failed ⁵	Ratio: 1.83 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(635963)	Ratio: 1.33 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(A3009C)	Ratio: 1.37 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(240021)	Ratio: 3.80 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.77 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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