

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C90494) Hex(FF00BA) Hex(C99B04) Hex(635A61) Hex(A30077) Hex(24001A)

Hex(C90494)		Ratio: 1.52 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(FF00BA)	Ratio: 1.52 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(C99B04)	Ratio: 2.08 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 2.58 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 7.50 Passed ⁶
Hex(635A61)	Ratio: 1.24 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.58 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(A30077)	Ratio: 1.39 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(24001A)	Ratio: 3.60 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.50 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 2.59 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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