

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C416A7) Hex(FF00D5) Hex(C48A16) Hex(61575F) Hex(A10086) Hex(21001C)

Hex(C416A7)		Ratio: 1.55 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(FF00D5)	Ratio: 1.55 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 5.75 AA ¹ AAA 18pt ⁴
Hex(C48A16)	Ratio: 1.74 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 6.47 AA ¹ AAA 18pt ⁴
Hex(61575F)	Ratio: 1.32 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.81 Failed ⁵
Hex(A10086)	Ratio: 1.41 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.64 Failed ⁵
Hex(21001C)	Ratio: 3.72 AA 18pt ²	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 6.47 AA ¹ AAA 18pt ⁴	Ratio: 2.81 Failed ⁵	Ratio: 2.64 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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