

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(CE028D) Hex(FF00AE) Hex(CEA902) Hex(665C63) Hex(A60071) Hex(26001A)

Hex(CE028D)		Ratio: 1.46 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(FF00AE)	Ratio: 1.46 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(CEA902)	Ratio: 2.31 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 2.84 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 8.47 Passed ⁶
Hex(665C63)	Ratio: 1.23 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.84 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(A60071)	Ratio: 1.40 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 1.15 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(26001A)	Ratio: 3.66 AA 18pt ²	Ratio: 5.34 AA ¹ AAA 18pt ⁴	Ratio: 8.47 Passed ⁶	Ratio: 2.99 Failed ⁵	Ratio: 2.61 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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