

Converting Colors - WCAG Matrix

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

Hex(CA1F7B) Hex(FF0089) Hex(CA1F28) Hex(665C61) Hex(A60059) Hex(260015)

	Hex(CA1F7B)	Hex(FF0089)	Hex(CA1F28)	Hex(665C61)	Hex(A60059)	Hex(260015)
Hex(CA1F7B)		Ratio: 1.41 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 3.65 AA 18pt ²
Hex(FF0089)	Ratio: 1.41 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 5.13 AA ¹ AAA 18pt ⁴
Hex(CA1F28)	Ratio: 1.07 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(665C61)	Ratio: 1.22 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(A60059)	Ratio: 1.44 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(260015)	Ratio: 3.65 AA 18pt ²	Ratio: 5.13 AA ¹ AAA 18pt ⁴	Ratio: 3.42 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.53 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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