

Converting Colors - WCAG Matrix

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

Hex(C72A5A) Hex(FF0D56) Hex(C7472A) Hex(635A5D) Hex(A30032) Hex(24000B)

	Hex(C72A5A)	Hex(FF0D56)	Hex(C7472A)	Hex(635A5D)	Hex(A30032)	Hex(24000B)
Hex(C72A5A)		Ratio: 1.39 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(FF0D56)	Ratio: 1.39 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(C7472A)	Ratio: 1.12 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 4.04 AA 18pt ²
Hex(635A5D)	Ratio: 1.24 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(A30032)	Ratio: 1.50 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.41 Failed ⁵
Hex(24000B)	Ratio: 3.62 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 4.04 AA 18pt ²	Ratio: 2.92 Failed ⁵	Ratio: 2.41 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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