

Converting Colors - WCAG Matrix

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

Hex(C84D8B) Hex(FF42A1) Hex(C84D4F) Hex(635A5F) Hex(A30052) Hex(240012)

	Hex(C84D8B)	Hex(FF42A1)	Hex(C84D4F)	Hex(635A5F)	Hex(A30052)	Hex(240012)
Hex(C84D8B)		Ratio: 1.34 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 4.51 AA ¹ AAA 18pt ⁴
Hex(FF42A1)	Ratio: 1.34 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 6.04 AA ¹ AAA 18pt ⁴
Hex(C84D4F)	Ratio: 1.06 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 4.27 AA 18pt ²
Hex(635A5F)	Ratio: 1.55 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A30052)	Ratio: 1.83 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.47 Failed ⁵
Hex(240012)	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 6.04 AA ¹ AAA 18pt ⁴	Ratio: 4.27 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.47 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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