

Converting Colors - WCAG Matrix

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

Hex(C883C8) Hex(FF96FF) Hex(C8A683) Hex(635A63) Hex(A300A3) Hex(240024)

	Hex(C883C8)	Hex(FF96FF)	Hex(C8A683)	Hex(635A63)	Hex(A300A3)	Hex(240024)
Hex(C883C8)		Ratio: 1.47 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 6.85 AA ¹ AAA 18pt ⁴
Hex(FF96FF)	Ratio: 1.47 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 10.05 Passed ⁶
Hex(C8A683)	Ratio: 1.23 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.91 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 8.40 Passed ⁶
Hex(635A63)	Ratio: 2.38 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.91 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.88 Failed ⁵
Hex(A300A3)	Ratio: 2.44 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(240024)	Ratio: 6.85 AA ¹ AAA 18pt ⁴	Ratio: 10.05 Passed ⁶	Ratio: 8.40 Passed ⁶	Ratio: 2.88 Failed ⁵	Ratio: 2.80 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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