

Converting Colors - WCAG Matrix

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

Hex(C78BAC) Hex(FFA3D6) Hex(C78B8E) Hex(635A5F) Hex(A3005A) Hex(240014)

	Hex(C78BAC)	Hex(FFA3D6)	Hex(C78B8E)	Hex(635A5F)	Hex(A3005A)	Hex(240014)
Hex(C78BAC)		Ratio: 1.49 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 7.11 Passed ⁶
Hex(FFA3D6)	Ratio: 1.49 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.24 AA 18pt ²	Ratio: 10.56 Passed ⁶
Hex(C78B8E)	Ratio: 1.03 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.38 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 6.92 AA ¹ AAA 18pt ⁴
Hex(635A5F)	Ratio: 2.44 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 2.38 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 2.91 Failed ⁵
Hex(A3005A)	Ratio: 2.85 Failed ⁵	Ratio: 4.24 AA 18pt ²	Ratio: 2.78 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(240014)	Ratio: 7.11 Passed ⁶	Ratio: 10.56 Passed ⁶	Ratio: 6.92 AA ¹ AAA 18pt ⁴	Ratio: 2.91 Failed ⁵	Ratio: 2.49 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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