

Converting Colors - WCAG Matrix

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

Hex(C78FBF) Hex(FFA8F2) Hex(C78FA3) Hex(635961) Hex(A3008C) Hex(24001F)

	Hex(C78FBF)	Hex(FFA8F2)	Hex(C78FA3)	Hex(635961)	Hex(A3008C)	Hex(24001F)
Hex(C78FBF)		Ratio: 1.50 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 7.41 Passed ⁶
Hex(FFA8F2)	Ratio: 1.50 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.13 AA 18pt ²	Ratio: 11.08 Passed ⁶
Hex(C78FA3)	Ratio: 1.03 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 7.20 Passed ⁶
Hex(635961)	Ratio: 2.59 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(A3008C)	Ratio: 2.76 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(24001F)	Ratio: 7.41 Passed ⁶	Ratio: 11.08 Passed ⁶	Ratio: 7.20 Passed ⁶	Ratio: 2.86 Failed ⁵	Ratio: 2.68 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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