

Converting Colors - WCAG Matrix

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

Hex(C78ABE) Hex(FFA1F1) Hex(A0C78A) Hex(635A62) Hex(A3008B) Hex(24001E)

	Hex(C78ABE)	Hex(FFA1F1)	Hex(A0C78A)	Hex(635A62)	Hex(A3008B)	Hex(24001E)
Hex(C78ABE)		Ratio: 1.49 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 7.14 Passed ⁶
Hex(FFA1F1)	Ratio: 1.49 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 3.97 AA 18pt ²	Ratio: 10.62 Passed ⁶
Hex(A0C78A)	Ratio: 1.41 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 10.09 Passed ⁶
Hex(635A62)	Ratio: 2.46 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 3.48 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(A3008B)	Ratio: 2.66 Failed ⁵	Ratio: 3.97 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 2.68 Failed ⁵
Hex(24001E)	Ratio: 7.14 Passed ⁶	Ratio: 10.62 Passed ⁶	Ratio: 10.09 Passed ⁶	Ratio: 2.90 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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