

Converting Colors - WCAG Matrix

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

Hex(8C7DC2) Hex(A88FFC) Hex(AD7DC2) Hex(595761) Hex(2400A1) Hex(080021)

	Hex(8C7DC2)	Hex(A88FFC)	Hex(AD7DC2)	Hex(595761)	Hex(2400A1)	Hex(080021)
Hex(8C7DC2)		Ratio: 1.37 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 5.65 AA ¹ AAA 18pt ⁴
Hex(A88FFC)	Ratio: 1.37 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 7.75 Passed ⁶
Hex(AD7DC2)	Ratio: 1.11 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 6.29 AA ¹ AAA 18pt ⁴
Hex(595761)	Ratio: 1.97 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(2400A1)	Ratio: 3.67 AA 18pt ²	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²	Ratio: 1.86 Failed ⁵		Ratio: 1.54 Failed ⁵
Hex(080021)	Ratio: 5.65 AA ¹ AAA 18pt ⁴	Ratio: 7.75 Passed ⁶	Ratio: 6.29 AA ¹ AAA 18pt ⁴	Ratio: 2.87 Failed ⁵	Ratio: 1.54 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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