

Converting Colors - WCAG Matrix

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

Hex(9A6C89) Hex(C981AF) Hex(729A6C) Hex(4D454A) Hex(8C0058) Hex(0D0008)

	Hex(9A6C89)	Hex(C981AF)	Hex(729A6C)	Hex(4D454A)	Hex(8C0058)	Hex(0D0008)
Hex(9A6C89)		Ratio: 1.48 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 4.78 AA ¹ AAA 18pt ⁴
Hex(C981AF)	Ratio: 1.48 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 7.10 Passed ⁶
Hex(729A6C)	Ratio: 1.34 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.89 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴
Hex(4D454A)	Ratio: 2.15 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 2.89 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0058)	Ratio: 2.16 Failed ⁵	Ratio: 3.21 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 2.21 Failed ⁵
Hex(0D0008)	Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 7.10 Passed ⁶	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.21 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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