

Converting Colors - WCAG Matrix

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

Hex(A19A78) Hex(D1C792) Hex(93A178) Hex(525049) Hex(917A00) Hex(120F00)

	Hex(A19A78)	Hex(D1C792)	Hex(93A178)	Hex(525049)	Hex(917A00)	Hex(120F00)
Hex(A19A78)		Ratio: 1.66 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 6.77 AA ¹ AAA 18pt ⁴
Hex(D1C792)	Ratio: 1.66 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 2.47 Failed ⁵	Ratio: 11.24 Passed ⁶
Hex(93A178)	Ratio: 1.03 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.92 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 6.96 AA ¹ AAA 18pt ⁴
Hex(525049)	Ratio: 2.85 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 2.92 Failed ⁵		Ratio: 1.92 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(917A00)	Ratio: 1.49 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.92 Failed ⁵		Ratio: 4.56 AA ¹ AAA 18pt ⁴
Hex(120F00)	Ratio: 6.77 AA ¹ AAA 18pt ⁴	Ratio: 11.24 Passed ⁶	Ratio: 6.96 AA ¹ AAA 18pt ⁴	Ratio: 2.38 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	

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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