

Converting Colors - WCAG Matrix

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

Hex(A7867F) Hex(D9A59A) Hex(A79A7F) Hex(544D4C) Hex(941A00) Hex(140400)

	Hex(A7867F)	Hex(D9A59A)	Hex(A79A7F)	Hex(544D4C)	Hex(941A00)	Hex(140400)
Hex(A7867F)		Ratio: 1.54 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴
Hex(D9A59A)	Ratio: 1.54 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 9.36 Passed ⁶
Hex(A79A7F)	Ratio: 1.19 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.98 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 7.23 Passed ⁶
Hex(544D4C)	Ratio: 2.50 Failed ⁵	Ratio: 3.85 AA 18pt ²	Ratio: 2.98 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(941A00)	Ratio: 2.64 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 3.15 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 2.30 Failed ⁵
Hex(140400)	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 9.36 Passed ⁶	Ratio: 7.23 Passed ⁶	Ratio: 2.43 Failed ⁵	Ratio: 2.30 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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