

Converting Colors - WCAG Matrix

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

Hex(A69B99) Hex(D9C8C5) Hex(A6A199) Hex(544D4C) Hex(941400) Hex(140300)

	Hex(A69B99)	Hex(D9C8C5)	Hex(A6A199)	Hex(544D4C)	Hex(941400)	Hex(140300)
Hex(A69B99)		Ratio: 1.68 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 7.45 Passed ⁶
Hex(D9C8C5)	Ratio: 1.68 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 12.48 Passed ⁶
Hex(A6A199)	Ratio: 1.05 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 3.22 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 7.84 Passed ⁶
Hex(544D4C)	Ratio: 3.06 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.22 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(941400)	Ratio: 3.29 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 3.47 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 2.26 Failed ⁵
Hex(140300)	Ratio: 7.45 Passed ⁶	Ratio: 12.48 Passed ⁶	Ratio: 7.84 Passed ⁶	Ratio: 2.44 Failed ⁵	Ratio: 2.26 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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