

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(A28F8C) Hex(D4B6B2) Hex(A29A8C) Hex(524B49) Hex(911400) Hex(120200)

Hex(A28F8C)		Ratio: 1.63 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 6.62 AA ¹ AAA 18pt ⁴
Hex(D4B6B2)	Ratio: 1.63 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 10.76 Passed ⁶
Hex(A29A8C)	Ratio: 1.10 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 7.29 Passed ⁶
Hex(524B49)	Ratio: 2.78 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 3.06 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(911400)	Ratio: 2.97 Failed ⁵	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.23 Failed ⁵
Hex(120200)	Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 10.76 Passed ⁶	Ratio: 7.29 Passed ⁶	Ratio: 2.38 Failed ⁵	Ratio: 2.23 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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