

Converting Colors - WCAG Matrix

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

Hex(D18888) Hex(FF9494) Hex(D1AD88) Hex(695E5E) Hex(A80000) Hex(290000)

	Hex(D18888)	Hex(FF9494)	Hex(D1AD88)	Hex(695E5E)	Hex(A80000)	Hex(290000)
Hex(D18888)		Ratio: 1.31 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 6.93 AA ¹ AAA 18pt ⁴
Hex(FF9494)	Ratio: 1.31 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 9.06 Passed ⁶
Hex(D1AD88)	Ratio: 1.32 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.99 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 9.18 Passed ⁶
Hex(695E5E)	Ratio: 2.26 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.99 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A80000)	Ratio: 2.85 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 3.77 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(290000)	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 9.06 Passed ⁶	Ratio: 9.18 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 2.44 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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