

Converting Colors - WCAG Matrix

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

	Hex(290A00)	Hex(FFEAE2)	Hex(573530)	Hex(714C46)	Hex(8B645E)	Hex(A67D77)	Hex(C19790)	Hex(DDB2AB)	Hex(FACEC6)
Hex(290A00)		Ratio: 15.93 Passed ⁶	Ratio: 1.72 Failed ⁵	Ratio: 2.48 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 7.12 Passed ⁶	Ratio: 9.70 Passed ⁶	Ratio: 12.93 Passed ⁶
Hex(FFEAE2)	Ratio: 15.93 Passed ⁶		Ratio: 9.26 Passed ⁶	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 4.44 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(573530)	Ratio: 1.72 Failed ⁵	Ratio: 9.26 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.52 Passed ⁶
Hex(714C46)	Ratio: 2.48 Failed ⁵	Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴
Hex(8B645E)	Ratio: 3.59 AA 18pt ²	Ratio: 4.44 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.60 AA 18pt ²
Hex(A67D77)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(C19790)	Ratio: 7.12 Passed ⁶	Ratio: 2.24 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(DDB2AB)	Ratio: 9.70 Passed ⁶	Ratio: 1.64 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 3.91 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(FACEC6)	Ratio: 12.93 Passed ⁶	Ratio: 1.23 Failed ⁵	Ratio: 7.52 Passed ⁶	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.33 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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