

Converting Colors - WCAG Matrix

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

	Hex(FADACD)	Hex(DDBE2)	Hex(C1A397)	Hex(A6897D)	Hex(8B6F64)	Hex(71574C)	Hex(584035)	Hex(402A20)	Hex(2A1509)	Hex(0F0000)
Hex(FADACD)		Ratio: 1.32 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 7.26 Passed ⁶	Ratio: 10.18 Passed ⁶	Ratio: 13.21 Passed ⁶	Ratio: 15.66 Passed ⁶
Hex(DDBE2)	Ratio: 1.32 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 7.70 Passed ⁶	Ratio: 9.99 Passed ⁶	Ratio: 11.84 Passed ⁶
Hex(C1A397)	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.40 Passed ⁶	Ratio: 8.77 Passed ⁶
Hex(A6897D)	Ratio: 2.46 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴
Hex(8B6F64)	Ratio: 3.51 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 4.46 AA 18pt ²
Hex(71574C)	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.11 AA 18pt ²
Hex(584035)	Ratio: 7.26 Passed ⁶	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.16 Failed ⁵
Hex(402A20)	Ratio: 10.18 Passed ⁶	Ratio: 7.70 Passed ⁶	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(2A1509)	Ratio: 13.21 Passed ⁶	Ratio: 9.99 Passed ⁶	Ratio: 7.40 Passed ⁶	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 3.77 AA 18pt ²	Ratio: 2.62 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(0F0000)	Ratio: 15.66 Passed ⁶	Ratio: 11.84 Passed ⁶	Ratio: 8.77 Passed ⁶	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 4.46 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.19 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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