

Converting Colors - WCAG Matrix

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

	Hex(F3BB93)	Hex(D6A079)	Hex(B98660)	Hex(9D6C48)	Hex(815431)	Hex(673D1B)	Hex(4D2703)	Hex(331200)	Hex(1C0001)	Hex(000000)
Hex(F3BB93)		Ratio: 1.35 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 7.68 Passed ⁶	Ratio: 10.06 Passed ⁶	Ratio: 11.76 Passed ⁶	Ratio: 12.34 Passed ⁶
Hex(D6A079)	Ratio: 1.35 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 7.47 Passed ⁶	Ratio: 8.73 Passed ⁶	Ratio: 9.16 Passed ⁶
Hex(B98660)	Ratio: 1.86 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 6.64 AA ¹ AAA 18pt ⁴
Hex(9D6C48)	Ratio: 2.64 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(815431)	Ratio: 3.80 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: 2.65 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.25 AA 18pt ²
Hex(673D1B)	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(4D2703)	Ratio: 7.68 Passed ⁶	Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 4.13 AA 18pt ²	Ratio: 2.91 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.61 Failed ⁵
Hex(331200)	Ratio: 10.06 Passed ⁶	Ratio: 7.47 Passed ⁶	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(1C0001)	Ratio: 11.76 Passed ⁶	Ratio: 8.73 Passed ⁶	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 4.45 AA 18pt ²	Ratio: 3.09 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 12.34 Passed ⁶	Ratio: 9.16 Passed ⁶	Ratio: 6.64 AA ¹ AAA 18pt ⁴	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 3.25 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.05 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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