

Converting Colors - WCAG Matrix

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

	Hex(0C2600)	Hex(EEFFE2)	Hex(37532F)	Hex(4E6C46)	Hex(67855E)	Hex(809F76)	Hex(9BBA90)	Hex(B6D6AB)	Hex(D1F3C6)
Hex(0C2600)		Ratio: 15.50 Passed ⁶	Ratio: 1.89 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 7.60 Passed ⁶	Ratio: 10.21 Passed ⁶	Ratio: 13.42 Passed ⁶
Hex(EEFFE2)	Ratio: 15.50 Passed ⁶		Ratio: 8.21 Passed ⁶	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(37532F)	Ratio: 1.89 Failed ⁵	Ratio: 8.21 Passed ⁶		Ratio: 1.46 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 7.11 Passed ⁶
Hex(4E6C46)	Ratio: 2.75 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 1.46 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(67855E)	Ratio: 3.94 AA 18pt ²	Ratio: 3.93 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(809F76)	Ratio: 5.52 AA ¹ AAA 18pt ⁴	Ratio: 2.81 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(9BBA90)	Ratio: 7.60 Passed ⁶	Ratio: 2.04 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.77 Failed ⁵
Hex(B6D6AB)	Ratio: 10.21 Passed ⁶	Ratio: 1.52 Failed ⁵	Ratio: 5.41 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.31 Failed ⁵
Hex(D1F3C6)	Ratio: 13.42 Passed ⁶	Ratio: 1.16 Failed ⁵	Ratio: 7.11 Passed ⁶	Ratio: 4.88 AA ¹ AAA 18pt ⁴	Ratio: 3.41 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 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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