

Converting Colors - WCAG Matrix

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

Hex(BDB368) Hex(F5E671) Hex(9CBD68) Hex(5E5D55) Hex(9E8D00) Hex(1F1B00)

	Hex(BDB368)	Hex(F5E671)	Hex(9CBD68)	Hex(5E5D55)	Hex(9E8D00)	Hex(1F1B00)
Hex(BDB368)		Ratio: 1.68 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.57 Failed ⁵	Ratio: 8.08 Passed ⁶
Hex(F5E671)	Ratio: 1.68 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 2.62 Failed ⁵	Ratio: 13.53 Passed ⁶
Hex(9CBD68)	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.12 AA 18pt ²	Ratio: 1.58 Failed ⁵	Ratio: 8.14 Passed ⁶
Hex(5E5D55)	Ratio: 3.09 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.12 AA 18pt ²		Ratio: 1.97 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(9E8D00)	Ratio: 1.57 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(1F1B00)	Ratio: 8.08 Passed ⁶	Ratio: 13.53 Passed ⁶	Ratio: 8.14 Passed ⁶	Ratio: 2.61 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴	

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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