

Converting Colors - WCAG Matrix

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

Hex(BCB267) Hex(F5E771) Hex(9BBC67) Hex(5E5D55) Hex(9E8D00) Hex(1F1B00)

	Hex(BCB267)	Hex(F5E771)	Hex(9BBC67)	Hex(5E5D55)	Hex(9E8D00)	Hex(1F1B00)
Hex(BCB267)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 1.55 Failed ⁵	Ratio: 7.99 Passed ⁶
Hex(F5E771)	Ratio: 1.71 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 2.64 Failed ⁵	Ratio: 13.62 Passed ⁶
Hex(9BBC67)	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.08 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 8.05 Passed ⁶
Hex(5E5D55)	Ratio: 3.06 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.08 AA 18pt ²		Ratio: 1.97 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(9E8D00)	Ratio: 1.55 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.97 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴
Hex(1F1B00)	Ratio: 7.99 Passed ⁶	Ratio: 13.62 Passed ⁶	Ratio: 8.05 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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