

Converting Colors - WCAG Matrix

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

Hex(AB8770) Hex(DEA682) Hex(ABA370) Hex(57524F) Hex(963B00) Hex(170A00)

	Hex(AB8770)	Hex(DEA682)	Hex(ABA370)	Hex(57524F)	Hex(963B00)	Hex(170A00)
Hex(AB8770)		Ratio: 1.54 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴
Hex(DEA682)	Ratio: 1.54 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 3.38 AA 18pt ²	Ratio: 9.15 Passed ⁶
Hex(ABA370)	Ratio: 1.28 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 7.60 Passed ⁶
Hex(57524F)	Ratio: 2.36 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 3.01 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(963B00)	Ratio: 2.20 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(170A00)	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 9.15 Passed ⁶	Ratio: 7.60 Passed ⁶	Ratio: 2.52 Failed ⁵	Ratio: 2.71 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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