

Converting Colors - WCAG Matrix

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

Hex(B08500) Hex(E6AD00) Hex(84B000) Hex(595750) Hex(997300) Hex(191300)

	Hex(B08500)	Hex(E6AD00)	Hex(84B000)	Hex(595750)	Hex(997300)	Hex(191300)
Hex(B08500)		Ratio: 1.67 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 5.47 AA ¹ AAA 18pt ⁴
Hex(E6AD00)	Ratio: 1.67 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 9.12 Passed ⁶
Hex(84B000)	Ratio: 1.32 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 7.22 Passed ⁶
Hex(595750)	Ratio: 2.14 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.82 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(997300)	Ratio: 1.29 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 4.24 AA 18pt ²
Hex(191300)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 9.12 Passed ⁶	Ratio: 7.22 Passed ⁶	Ratio: 2.56 Failed ⁵	Ratio: 4.24 AA 18pt ²	

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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