

Converting Colors - WCAG Matrix

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

Hex(B08500) Hex(E5AD00) Hex(84B000) Hex(57554E) Hex(967100) Hex(171100)

	Hex(B08500)	Hex(E5AD00)	Hex(84B000)	Hex(57554E)	Hex(967100)	Hex(171100)
Hex(B08500)		Ratio: 1.66 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴
Hex(E5AD00)	Ratio: 1.66 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 9.23 Passed ⁶
Hex(84B000)	Ratio: 1.32 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.91 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 7.34 Passed ⁶
Hex(57554E)	Ratio: 2.20 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.91 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(967100)	Ratio: 1.33 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 4.17 AA 18pt ²
Hex(171100)	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 9.23 Passed ⁶	Ratio: 7.34 Passed ⁶	Ratio: 2.52 Failed ⁵	Ratio: 4.17 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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