

Converting Colors - WCAG Matrix

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

Hex(B39F17) Hex(E8CA00) Hex(7AB317) Hex(595850) Hex(998500) Hex(1A1600)

	Hex(B39F17)	Hex(E8CA00)	Hex(7AB317)	Hex(595850)	Hex(998500)	Hex(1A1600)
Hex(B39F17)		Ratio: 1.63 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 6.81 AA ¹ AAA 18pt ⁴
Hex(E8CA00)	Ratio: 1.63 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 11.12 Passed ⁶
Hex(7AB317)	Ratio: 1.05 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 2.82 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 7.15 Passed ⁶
Hex(595850)	Ratio: 2.69 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 2.82 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(998500)	Ratio: 1.38 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 4.93 AA ¹ AAA 18pt ⁴
Hex(1A1600)	Ratio: 6.81 AA ¹ AAA 18pt ⁴	Ratio: 11.12 Passed ⁶	Ratio: 7.15 Passed ⁶	Ratio: 2.53 Failed ⁵	Ratio: 4.93 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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