

Converting Colors - WCAG Matrix

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

Hex(51480B) Hex(695B00) Hex(37510B) Hex(292825) Hex(E8CA00)

	Hex(51480B)	Hex(695B00)	Hex(37510B)	Hex(292825)	Hex(E8CA00)
Hex(51480B)		Ratio: 1.36 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(695B00)	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(37510B)	Ratio: 1.03 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴
Hex(292825)	Ratio: 1.60 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 9.04 Passed ⁶
Hex(E8CA00)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 9.04 Passed ⁶	

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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