

Converting Colors - WCAG Matrix

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

	Hex(AE7F15)	Hex(916600)	Hex(754E00)	Hex(593800)	Hex(3E2200)	Hex(250E00)	Hex(000000)
Hex(AE7F15)		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 5.85 AA ¹ AAA 18pt ⁴
Hex(916600)	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.60 AA 18pt ²	Ratio: 4.10 AA 18pt ²
Hex(754E00)	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(593800)	Ratio: 2.94 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(3E2200)	Ratio: 4.08 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(250E00)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 5.85 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.14 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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