

Converting Colors - WCAG Matrix

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

Hex(0C8A2A) Hex(00B32A) Hex(0C8A68) Hex(3E4540) Hex(008520) Hex(000501)

	Hex(0C8A2A)	Hex(00B32A)	Hex(0C8A68)	Hex(3E4540)	Hex(008520)	Hex(000501)
Hex(0C8A2A)		Ratio: 1.60 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(00B32A)	Ratio: 1.60 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.71 Failed ⁵	Ratio: 7.32 Passed ⁶
Hex(0C8A68)	Ratio: 1.04 Failed ⁵	Ratio: 1.54 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴
Hex(3E4540)	Ratio: 2.20 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.28 Failed ⁵		Ratio: 2.05 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(008520)	Ratio: 1.07 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.05 Failed ⁵		Ratio: 4.28 AA 18pt ²
Hex(000501)	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 7.32 Passed ⁶	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 4.28 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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