

Converting Colors - WCAG Matrix

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

Hex(0C8F28) Hex(00BA28) Hex(0C8F68) Hex(404742) Hex(00871D) Hex(000802)

	Hex(0C8F28)	Hex(00BA28)	Hex(0C8F68)	Hex(404742)	Hex(00871D)	Hex(000802)
Hex(0C8F28)		Ratio: 1.62 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 4.80 AA ¹ AAA 18pt ⁴
Hex(00BA28)	Ratio: 1.62 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 7.78 Passed ⁶
Hex(0C8F68)	Ratio: 1.03 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 2.34 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 4.97 AA ¹ AAA 18pt ⁴
Hex(404742)	Ratio: 2.26 Failed ⁵	Ratio: 3.66 AA 18pt ²	Ratio: 2.34 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(00871D)	Ratio: 1.11 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 4.33 AA 18pt ²
Hex(000802)	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 7.78 Passed ⁶	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 2.12 Failed ⁵	Ratio: 4.33 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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