

Converting Colors - WCAG Matrix

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

Hex(977900) Hex(C49D00) Hex(6C9700) Hex(4D4B45) Hex(8C7000) Hex(0D0A00)

	Hex(977900)	Hex(C49D00)	Hex(6C9700)	Hex(4D4B45)	Hex(8C7000)	Hex(0D0A00)
Hex(977900)		Ratio: 1.62 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.10 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 4.76 AA ¹ AAA 18pt ⁴
Hex(C49D00)	Ratio: 1.62 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 7.70 Passed ⁶
Hex(6C9700)	Ratio: 1.20 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 5.72 AA ¹ AAA 18pt ⁴
Hex(4D4B45)	Ratio: 2.10 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(8C7000)	Ratio: 1.14 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 4.18 AA 18pt ²
Hex(0D0A00)	Ratio: 4.76 AA ¹ AAA 18pt ⁴	Ratio: 7.70 Passed ⁶	Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 2.27 Failed ⁵	Ratio: 4.18 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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