

Converting Colors - WCAG Matrix

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

Hex(9E9519) Hex(CFC100) Hex(679E19) Hex(4F4F47) Hex(8F8500) Hex(0F0E00)

	Hex(9E9519)	Hex(CFC100)	Hex(679E19)	Hex(4F4F47)	Hex(8F8500)	Hex(0F0E00)
Hex(9E9519)		Ratio: 1.67 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 6.25 AA ¹ AAA 18pt ⁴
Hex(CFC100)	Ratio: 1.67 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 2.04 Failed ⁵	Ratio: 10.41 Passed ⁶
Hex(679E19)	Ratio: 1.04 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.55 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.98 AA ¹ AAA 18pt ⁴
Hex(4F4F47)	Ratio: 2.66 Failed ⁵	Ratio: 4.44 AA 18pt ²	Ratio: 2.55 Failed ⁵		Ratio: 2.17 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(8F8500)	Ratio: 1.23 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.17 Failed ⁵		Ratio: 5.10 AA ¹ AAA 18pt ⁴
Hex(0F0E00)	Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 10.41 Passed ⁶	Ratio: 5.98 AA ¹ AAA 18pt ⁴	Ratio: 2.35 Failed ⁵	Ratio: 5.10 AA ¹ AAA 18pt ⁴	

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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