

Converting Colors - WCAG Matrix

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

	Hex(998C52)	Hex(7E733A)	Hex(645A23)	Hex(4B430B)	Hex(342D00)	Hex(1B1900)	Hex(000000)
Hex(998C52)		Ratio: 1.42 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 6.23 AA ¹ AAA 18pt ⁴
Hex(7E733A)	Ratio: 1.42 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 4.40 AA 18pt ²
Hex(645A23)	Ratio: 2.06 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(4B430B)	Ratio: 2.96 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.11 Failed ⁵
Hex(342D00)	Ratio: 4.09 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(1B1900)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 3.71 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.19 Failed ⁵
Hex(000000)	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 4.40 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.19 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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