

Converting Colors - WCAG Matrix

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

Hex(7D400C) Hex(A34B00) Hex(7D770C) Hex(403C39) Hex(803B00) Hex(000000)

	Hex(7D400C)	Hex(A34B00)	Hex(7D770C)	Hex(403C39)	Hex(803B00)	Hex(000000)
Hex(7D400C)		Ratio: 1.37 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(A34B00)	Ratio: 1.37 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(7D770C)	Ratio: 1.73 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.35 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴
Hex(403C39)	Ratio: 1.36 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.35 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.92 Failed ⁵
Hex(803B00)	Ratio: 1.03 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 2.54 Failed ⁵
Hex(000000)	Ratio: 2.61 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 1.92 Failed ⁵	Ratio: 2.54 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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