

Converting Colors - WCAG Matrix

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

Hex(40701B) Hex(7E9170) Hex(704A1B) Hex(3E4A35) Hex(C9C9C9) Hex(4A4A4A)

	Hex(40701B)	Hex(7E9170)	Hex(704A1B)	Hex(3E4A35)	Hex(C9C9C9)	Hex(4A4A4A)
Hex(40701B)		Ratio: 1.74 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(7E9170)	Ratio: 1.74 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(704A1B)	Ratio: 1.32 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 1.13 Failed ⁵
Hex(3E4A35)	Ratio: 1.59 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(C9C9C9)	Ratio: 3.57 AA 18pt ²	Ratio: 2.05 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 5.67 AA ¹ AAA 18pt ⁴		Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(4A4A4A)	Ratio: 1.50 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 5.35 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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