

Converting Colors - WCAG Matrix

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

Hex(4C664B) Hex(7A857A) Hex(66654B) Hex(3C423C) Hex(C2C2C2) Hex(424242)

	Hex(4C664B)	Hex(7A857A)	Hex(66654B)	Hex(3C423C)	Hex(C2C2C2)	Hex(424242)
Hex(4C664B)		Ratio: 1.65 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.58 Failed ⁵
Hex(7A857A)	Ratio: 1.65 Failed ⁵		Ratio: 1.55 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(66654B)	Ratio: 1.07 Failed ⁵	Ratio: 1.55 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.69 Failed ⁵
Hex(3C423C)	Ratio: 1.62 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 5.79 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(C2C2C2)	Ratio: 3.56 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 5.79 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.58 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 5.64 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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