

Converting Colors - WCAG Matrix

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

Hex(693500) Hex(8A7560) Hex(690035) Hex(45392C) Hex(C4C4C4) Hex(454545)

	Hex(693500)	Hex(8A7560)	Hex(690035)	Hex(45392C)	Hex(C4C4C4)	Hex(454545)
Hex(693500)		Ratio: 2.27 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(8A7560)	Ratio: 2.27 Failed ⁵		Ratio: 2.90 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(690035)	Ratio: 1.28 Failed ⁵	Ratio: 2.90 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 7.29 Passed ⁶	Ratio: 1.33 Failed ⁵
Hex(45392C)	Ratio: 1.13 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.42 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(C4C4C4)	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.51 Failed ⁵	Ratio: 7.29 Passed ⁶	Ratio: 6.42 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.04 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.50 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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