

Converting Colors - WCAG Matrix

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

Hex(675E0E) Hex(878464) Hex(670E18) Hex(454330) Hex(C4C4C4) Hex(454545)

	Hex(675E0E)	Hex(878464)	Hex(670E18)	Hex(454330)	Hex(C4C4C4)	Hex(454545)
Hex(675E0E)		Ratio: 1.73 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 1.45 Failed ⁵
Hex(878464)	Ratio: 1.73 Failed ⁵		Ratio: 3.34 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.52 Failed ⁵
Hex(670E18)	Ratio: 1.93 Failed ⁵	Ratio: 3.34 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 7.28 Passed ⁶	Ratio: 1.33 Failed ⁵
Hex(454330)	Ratio: 1.52 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 5.74 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(C4C4C4)	Ratio: 3.78 AA 18pt ²	Ratio: 2.18 Failed ⁵	Ratio: 7.28 Passed ⁶	Ratio: 5.74 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.45 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.04 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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