

Converting Colors - WCAG Matrix

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

Hex(685F37) Hex(878474) Hex(683740) Hex(454339) Hex(C4C4C4) Hex(454545)

	Hex(685F37)	Hex(878474)	Hex(683740)	Hex(454339)	Hex(C4C4C4)	Hex(454545)
Hex(685F37)		Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.50 Failed ⁵
Hex(878474)	Ratio: 1.70 Failed ⁵		Ratio: 2.53 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(683740)	Ratio: 1.48 Failed ⁵	Ratio: 2.53 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(454339)	Ratio: 1.55 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(C4C4C4)	Ratio: 3.67 AA 18pt ²	Ratio: 2.16 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 5.69 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.50 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.01 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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