

Converting Colors - WCAG Matrix

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

Hex(696565) Hex(878686) Hex(696569) Hex(454444) Hex(C4C4C4) Hex(454545)

	Hex(696565)	Hex(878686)	Hex(696569)	Hex(454444)	Hex(C4C4C4)	Hex(454545)
Hex(696565)		Ratio: 1.58 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 3.30 AA 18pt ²	Ratio: 1.67 Failed ⁵
Hex(878686)	Ratio: 1.58 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.64 Failed ⁵
Hex(696569)	Ratio: 1.00 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 1.67 Failed ⁵
Hex(454444)	Ratio: 1.69 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 5.57 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(C4C4C4)	Ratio: 3.30 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 5.57 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.67 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.01 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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