

Converting Colors - WCAG Matrix

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

Hex(5A663D) Hex(808575) Hex(66493D) Hex(3F4239) Hex(C2C2C2) Hex(424242)

	Hex(5A663D)	Hex(808575)	Hex(66493D)	Hex(3F4239)	Hex(C2C2C2)	Hex(424242)
Hex(5A663D)		Ratio: 1.63 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 1.63 Failed ⁵
Hex(808575)	Ratio: 1.63 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(66493D)	Ratio: 1.32 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵
Hex(3F4239)	Ratio: 1.66 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(C2C2C2)	Ratio: 3.46 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 5.75 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.63 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.02 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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