

Converting Colors - WCAG Matrix

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

Hex(665F57) Hex(85827F) Hex(66575E) Hex(42413F) Hex(C2C2C2) Hex(424242)

	Hex(665F57)	Hex(85827F)	Hex(66575E)	Hex(42413F)	Hex(C2C2C2)	Hex(424242)
Hex(665F57)		Ratio: 1.65 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 1.60 Failed ⁵
Hex(85827F)	Ratio: 1.65 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(66575E)	Ratio: 1.08 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 1.48 Failed ⁵
Hex(42413F)	Ratio: 1.62 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 5.72 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(C2C2C2)	Ratio: 3.53 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 3.82 AA 18pt ²	Ratio: 5.72 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.60 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.01 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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