

Converting Colors - WCAG Matrix

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

Hex(665C66) Hex(858185) Hex(5C5C66) Hex(424042) Hex(C2C2C2) Hex(424242)

	Hex(665C66)	Hex(858185)	Hex(5C5C66)	Hex(424042)	Hex(C2C2C2)	Hex(424242)
Hex(665C66)		Ratio: 1.67 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.57 Failed ⁵
Hex(858185)	Ratio: 1.67 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(5C5C66)	Ratio: 1.03 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.52 Failed ⁵
Hex(424042)	Ratio: 1.61 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(C2C2C2)	Ratio: 3.59 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 5.77 AA ¹ AAA 18pt ⁴		Ratio: 5.64 AA ¹ AAA 18pt ⁴
Hex(424242)	Ratio: 1.57 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.52 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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