

Converting Colors - WCAG Matrix

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

Hex(625B67) Hex(858387) Hex(5B6067) Hex(444245) Hex(C4C4C4) Hex(454545)

	Hex(625B67)	Hex(858387)	Hex(5B6067)	Hex(444245)	Hex(C4C4C4)	Hex(454545)
Hex(625B67)		Ratio: 1.74 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 3.75 AA 18pt ²	Ratio: 1.47 Failed ⁵
Hex(858387)	Ratio: 1.74 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(5B6067)	Ratio: 1.03 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 1.51 Failed ⁵
Hex(444245)	Ratio: 1.52 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 1.57 Failed ⁵		Ratio: 5.70 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(C4C4C4)	Ratio: 3.75 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 5.70 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.47 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 1.51 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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