

Converting Colors - WCAG Matrix

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

Hex(5B6A65) Hex(848A87) Hex(606A5B) Hex(414545) Hex(C4C4C4) Hex(454545)

	Hex(5B6A65)	Hex(848A87)	Hex(606A5B)	Hex(414545)	Hex(C4C4C4)	Hex(454545)
Hex(5B6A65)		Ratio: 1.61 Failed⁵	Ratio: 1.00 Failed⁵	Ratio: 1.71 Failed⁵	Ratio: 3.26 AA 18pt²	Ratio: 1.69 Failed⁵
Hex(848A87)	Ratio: 1.61 Failed⁵		Ratio: 1.61 Failed⁵	Ratio: 2.76 Failed⁵	Ratio: 2.02 Failed⁵	Ratio: 2.72 Failed⁵
Hex(606A5B)	Ratio: 1.00 Failed⁵	Ratio: 1.61 Failed⁵		Ratio: 1.72 Failed⁵	Ratio: 3.25 AA 18pt²	Ratio: 1.69 Failed⁵
Hex(414545)	Ratio: 1.71 Failed⁵	Ratio: 2.76 Failed⁵	Ratio: 1.72 Failed⁵		Ratio: 5.57 AA¹ AAA 18pt⁴	Ratio: 1.01 Failed⁵
Hex(C4C4C4)	Ratio: 3.26 AA 18pt²	Ratio: 2.02 Failed⁵	Ratio: 3.25 AA 18pt²	Ratio: 5.57 AA¹ AAA 18pt⁴		Ratio: 5.50 AA¹ AAA 18pt⁴
Hex(454545)	Ratio: 1.69 Failed⁵	Ratio: 2.72 Failed⁵	Ratio: 1.69 Failed⁵	Ratio: 1.01 Failed⁵	Ratio: 5.50 AA¹ AAA 18pt⁴	

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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