

Converting Colors - WCAG Matrix

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

Hex(5A6861) Hex(828784) Hex(61685A) Hex(414543) Hex(C4C4C4) Hex(454545)

	Hex(5A6861)	Hex(828784)	Hex(61685A)	Hex(414543)	Hex(C4C4C4)	Hex(454545)
Hex(5A6861)		Ratio: 1.60 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 1.64 Failed ⁵
Hex(828784)	Ratio: 1.60 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.62 Failed ⁵
Hex(61685A)	Ratio: 1.01 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 1.66 Failed ⁵
Hex(414543)	Ratio: 1.66 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(C4C4C4)	Ratio: 3.36 AA 18pt ²	Ratio: 2.09 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴		Ratio: 5.50 AA ¹ AAA 18pt ⁴
Hex(454545)	Ratio: 1.64 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.02 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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