

Converting Colors - WCAG Matrix

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

Hex(1C464D) Hex(516163) Hex(1C4D23) Hex(273133) Hex(B3B3B3) Hex(333333)

	Hex(1C464D)	Hex(516163)	Hex(1C4D23)	Hex(273133)	Hex(B3B3B3)	Hex(333333)
Hex(1C464D)		Ratio: 1.59 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(516163)	Ratio: 1.59 Failed ⁵		Ratio: 1.52 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 1.95 Failed ⁵
Hex(1C4D23)	Ratio: 1.05 Failed ⁵	Ratio: 1.52 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 1.28 Failed ⁵
Hex(273133)	Ratio: 1.29 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(B3B3B3)	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 3.09 AA 18pt ²	Ratio: 4.69 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴		Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(333333)	Ratio: 1.22 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 6.03 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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