

Converting Colors - WCAG Matrix

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

Hex(231E29) Hex(333136) Hex(1E2429) Hex(1B191C) Hex(9C9C9C) Hex(1C1C1C)

	Hex(231E29)	Hex(333136)	Hex(1E2429)	Hex(1B191C)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(231E29)		Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(333136)	Ratio: 1.27 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 1.33 Failed ⁵
Hex(1E2429)	Ratio: 1.04 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 1.09 Failed ⁵
Hex(1B191C)	Ratio: 1.07 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(9C9C9C)	Ratio: 5.93 AA ¹ AAA 18pt ⁴	Ratio: 4.68 AA ¹ AAA 18pt ⁴	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 6.36 AA ¹ AAA 18pt ⁴		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.05 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 6.21 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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