

Converting Colors - WCAG Matrix

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

Hex(331919) Hex(423838) Hex(331933) Hex(211B1B) Hex(A1A1A1) Hex(212121)

	Hex(331919)	Hex(423838)	Hex(331933)	Hex(211B1B)	Hex(A1A1A1)	Hex(212121)
Hex(331919)		Ratio: 1.43 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(423838)	Ratio: 1.43 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 4.38 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(331933)	Ratio: 1.03 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(211B1B)	Ratio: 1.05 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 6.57 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(A1A1A1)	Ratio: 6.28 AA ¹ AAA 18pt ⁴	Ratio: 4.38 AA 18pt ²	Ratio: 6.12 AA ¹ AAA 18pt ⁴	Ratio: 6.57 AA ¹ AAA 18pt ⁴		Ratio: 6.23 AA ¹ AAA 18pt ⁴
Hex(212121)	Ratio: 1.01 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 6.23 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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