

Converting Colors - WCAG Matrix

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

Hex(292B29) Hex(383838) Hex(2B2B29) Hex(1C1C1C) Hex(9C9C9C)

	Hex(292B29)	Hex(383838)	Hex(2B2B29)	Hex(1C1C1C)	Hex(9C9C9C)
Hex(292B29)		Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(383838)	Ratio: 1.22 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 4.27 AA 18pt ²
Hex(2B2B29)	Ratio: 1.01 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.19 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(9C9C9C)	Ratio: 5.20 AA ¹ AAA 18pt ⁴	Ratio: 4.27 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴	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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