

Converting Colors - WCAG Matrix

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

Hex(2B272C) Hex(383638) Hex(27282C) Hex(1C1B1C) Hex(9C9C9C) Hex(1C1C1C)

	Hex(2B272C)	Hex(383638)	Hex(27282C)	Hex(1C1B1C)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(2B272C)		Ratio: 1.23 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(383638)	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 1.42 Failed ⁵
Hex(27282C)	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(1C1B1C)	Ratio: 1.17 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 6.25 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(9C9C9C)	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 4.36 AA 18pt ²	Ratio: 5.36 AA ¹ AAA 18pt ⁴	Ratio: 6.25 AA ¹ AAA 18pt ⁴		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.16 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.01 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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