

Converting Colors - WCAG Matrix

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

Hex(212B27) Hex(343837) Hex(252B21) Hex(1A1C1B) Hex(9C9C9C) Hex(1C1C1C)

	Hex(212B27)	Hex(343837)	Hex(252B21)	Hex(1A1C1B)	Hex(9C9C9C)	Hex(1C1C1C)
Hex(212B27)		Ratio: 1.23 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(343837)	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 4.33 AA 18pt ²	Ratio: 1.43 Failed ⁵
Hex(252B21)	Ratio: 1.00 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.17 Failed ⁵
Hex(1A1C1B)	Ratio: 1.17 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 6.24 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(9C9C9C)	Ratio: 5.31 AA ¹ AAA 18pt ⁴	Ratio: 4.33 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 6.24 AA ¹ AAA 18pt ⁴		Ratio: 6.21 AA ¹ AAA 18pt ⁴
Hex(1C1C1C)	Ratio: 1.17 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 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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