

Converting Colors - WCAG Matrix

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

Hex(272725) Hex(333332) Hex(272525) Hex(1A1A19) Hex(999999) Hex(1A1A1A)

Hex(272725)		Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 5.25 AA ¹ AAA 18pt ⁴
Hex(333332)	Ratio: 1.18 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 4.44 AA 18pt ²
Hex(272525)	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 5.35 AA ¹ AAA 18pt ⁴
Hex(1A1A19)	Ratio: 1.16 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 6.11 AA ¹ AAA 18pt ⁴
Hex(999999)	Ratio: 5.25 AA ¹ AAA 18pt ⁴	Ratio: 4.44 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 6.11 AA ¹ AAA 18pt ⁴	
Hex(1A1A1A)	Ratio: 1.16 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 6.11 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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