

Converting Colors - WCAG Matrix

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

Hex(212425) Hex(2F3030) Hex(212522) Hex(18191A) Hex(999999) Hex(1A1A1A)

	Hex(212425)	Hex(2F3030)	Hex(212522)	Hex(18191A)	Hex(999999)	Hex(1A1A1A)
Hex(212425)		Ratio: 1.18 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(2F3030)	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.31 Failed ⁵
Hex(212522)	Ratio: 1.01 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(18191A)	Ratio: 1.13 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 6.18 AA ¹ AAA 18pt ⁴	Ratio: 1.01 Failed ⁵
Hex(999999)	Ratio: 5.49 AA ¹ AAA 18pt ⁴	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 6.18 AA ¹ AAA 18pt ⁴		Ratio: 6.11 AA ¹ AAA 18pt ⁴
Hex(1A1A1A)	Ratio: 1.11 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.01 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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