

Converting Colors - WCAG Matrix

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

Hex(211F20) Hex(2B282A) Hex(1F2121) Hex(121011) Hex(52002A) Hex(D1006C)

	Hex(211F20)	Hex(2B282A)	Hex(1F2121)	Hex(121011)	Hex(52002A)	Hex(D1006C)
Hex(211F20)		Ratio: 1.12 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(2B282A)	Ratio: 1.12 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(1F2121)	Ratio: 1.01 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.03 AA 18pt ²
Hex(121011)	Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(52002A)	Ratio: 1.09 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(D1006C)	Ratio: 3.06 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.54 AA 18pt ²	Ratio: 2.82 Failed ⁵	

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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