

Converting Colors - WCAG Matrix

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

Hex(250E17) Hex(300C1A) Hex(25100E) Hex(121011) Hex(520020) Hex(D10052)

	Hex(250E17)	Hex(300C1A)	Hex(25100E)	Hex(121011)	Hex(520020)	Hex(D10052)
Hex(250E17)		Ratio: 1.03 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.32 AA 18pt ²
Hex(300C1A)	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.21 AA 18pt ²
Hex(25100E)	Ratio: 1.00 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.31 AA 18pt ²
Hex(121011)	Ratio: 1.04 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(520020)	Ratio: 1.20 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.78 Failed ⁵
Hex(D10052)	Ratio: 3.32 AA 18pt ²	Ratio: 3.21 AA 18pt ²	Ratio: 3.31 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 2.78 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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