

Converting Colors - WCAG Matrix

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

Hex(251B23) Hex(30212D) Hex(25221B) Hex(121011) Hex(52003E) Hex(D1009F)

	Hex(251B23)	Hex(30212D)	Hex(25221B)	Hex(121011)	Hex(52003E)	Hex(D1009F)
Hex(251B23)		Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(30212D)	Ratio: 1.10 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(25221B)	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(121011)	Ratio: 1.14 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 3.80 AA 18pt ²
Hex(52003E)	Ratio: 1.13 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 2.95 Failed ⁵
Hex(D1009F)	Ratio: 3.34 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 3.18 AA 18pt ²	Ratio: 3.80 AA 18pt ²	Ratio: 2.95 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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