

Converting Colors - WCAG Matrix

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

Hex(24150B) Hex(2E1707) Hex(24210B) Hex(121110) Hex(522100) Hex(D15400)

	Hex(24150B)	Hex(2E1707)	Hex(24210B)	Hex(121110)	Hex(522100)	Hex(D15400)
Hex(24150B)		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 4.19 AA 18pt ²
Hex(2E1707)	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 4.01 AA 18pt ²
Hex(24210B)	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.84 AA 18pt ²
Hex(121110)	Ratio: 1.07 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 4.47 AA 18pt ²
Hex(522100)	Ratio: 1.33 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.16 AA 18pt ²
Hex(D15400)	Ratio: 4.19 AA 18pt ²	Ratio: 4.01 AA 18pt ²	Ratio: 3.84 AA 18pt ²	Ratio: 4.47 AA 18pt ²	Ratio: 3.16 AA 18pt ²	

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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