

Converting Colors - WCAG Matrix

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

Hex(5D2621) Hex(78231C) Hex(5D4421) Hex(2E2A29) Hex(6E0900) Hex(ED1400)

	Hex(5D2621)	Hex(78231C)	Hex(5D4421)	Hex(2E2A29)	Hex(6E0900)	Hex(ED1400)
Hex(5D2621)		Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(78231C)	Ratio: 1.17 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.29 Failed ⁵
Hex(5D4421)	Ratio: 1.31 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(2E2A29)	Ratio: 1.19 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.18 AA 18pt ²
Hex(6E0900)	Ratio: 1.04 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.76 Failed ⁵
Hex(ED1400)	Ratio: 2.66 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 2.76 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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