

Converting Colors - WCAG Matrix

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

Hex(2C0F23) Hex(380C2A) Hex(0F2C26) Hex(171516) Hex(57003C) Hex(D60094)

	Hex(2C0F23)	Hex(380C2A)	Hex(0F2C26)	Hex(171516)	Hex(57003C)	Hex(D60094)
Hex(2C0F23)		Ratio: 1.05 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 3.57 AA 18pt ²
Hex(380C2A)	Ratio: 1.05 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(0F2C26)	Ratio: 1.17 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.04 AA 18pt ²
Hex(171516)	Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(57003C)	Ratio: 1.23 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.92 Failed ⁵
Hex(D60094)	Ratio: 3.57 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 3.04 AA 18pt ²	Ratio: 3.71 AA 18pt ²	Ratio: 2.92 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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