

Converting Colors - WCAG Matrix

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

Hex(2C0F29) Hex(380C34) Hex(2C200F) Hex(171517) Hex(57004E) Hex(D600C0)

	Hex(2C0F29)	Hex(380C34)	Hex(2C200F)	Hex(171517)	Hex(57004E)	Hex(D600C0)
Hex(2C0F29)		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(380C34)	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.64 AA 18pt ²
Hex(2C200F)	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(171517)	Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.00 AA 18pt ²
Hex(57004E)	Ratio: 1.25 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.05 AA 18pt ²
Hex(D600C0)	Ratio: 3.83 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 3.05 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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