

Converting Colors - WCAG Matrix

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

Hex(310220) Hex(400029) Hex(310209) Hex(1A1719) Hex(590039) Hex(D9008A)

	Hex(310220)	Hex(400029)	Hex(310209)	Hex(1A1719)	Hex(590039)	Hex(D9008A)
Hex(310220)		Ratio: 1.08 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.72 AA 18pt ²
Hex(400029)	Ratio: 1.08 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(310209)	Ratio: 1.01 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.78 AA 18pt ²
Hex(1A1719)	Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 3.66 AA 18pt ²
Hex(590039)	Ratio: 1.28 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 2.91 Failed ⁵
Hex(D9008A)	Ratio: 3.72 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 2.91 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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