

Converting Colors - WCAG Matrix

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

Hex(330014) Hex(420019) Hex(330500) Hex(191718) Hex(590022) Hex(D90053)

	Hex(330014)	Hex(420019)	Hex(330500)	Hex(191718)	Hex(590022)	Hex(D90053)
Hex(330014)		Ratio: 1.08 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 3.54 AA 18pt ²
Hex(420019)	Ratio: 1.08 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(330500)	Ratio: 1.01 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.51 AA 18pt ²
Hex(191718)	Ratio: 1.02 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(590022)	Ratio: 1.26 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(D90053)	Ratio: 3.54 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 2.81 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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