

Converting Colors - WCAG Matrix

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

Hex(33102E) Hex(420C3B) Hex(332610) Hex(1A1719) Hex(59004D) Hex(D900BA)

	Hex(33102E)	Hex(420C3B)	Hex(332610)	Hex(1A1719)	Hex(59004D)	Hex(D900BA)
Hex(33102E)		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.71 AA 18pt ²
Hex(420C3B)	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(332610)	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.27 AA 18pt ²
Hex(1A1719)	Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 3.95 AA 18pt ²
Hex(59004D)	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.04 AA 18pt ²
Hex(D900BA)	Ratio: 3.71 AA 18pt ²	Ratio: 3.46 AA 18pt ²	Ratio: 3.27 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 3.04 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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