

Converting Colors - WCAG Matrix

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

Hex(340030) Hex(450040) Hex(341D00) Hex(1A1719) Hex(590052) Hex(D900C8)

	Hex(340030)	Hex(450040)	Hex(341D00)	Hex(1A1719)	Hex(590052)	Hex(D900C8)
Hex(340030)		Ratio: 1.12 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 4.03 AA 18pt ²
Hex(450040)	Ratio: 1.12 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.61 AA 18pt ²
Hex(341D00)	Ratio: 1.11 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.62 AA 18pt ²
Hex(1A1719)	Ratio: 1.01 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 4.05 AA 18pt ²
Hex(590052)	Ratio: 1.30 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 3.09 AA 18pt ²
Hex(D900C8)	Ratio: 4.03 AA 18pt ²	Ratio: 3.61 AA 18pt ²	Ratio: 3.62 AA 18pt ²	Ratio: 4.05 AA 18pt ²	Ratio: 3.09 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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