

Converting Colors - WCAG Matrix

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

Hex(330026) Hex(420033) Hex(332600) Hex(1A171A) Hex(590042) Hex(D900A3)

	Hex(330026)	Hex(420033)	Hex(332600)	Hex(1A171A)	Hex(590042)	Hex(D900A3)
Hex(330026)		Ratio: 1.09 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 3.83 AA 18pt ²
Hex(420033)	Ratio: 1.09 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 3.50 AA 18pt ²
Hex(332600)	Ratio: 1.21 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(1A171A)	Ratio: 1.01 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 3.79 AA 18pt ²
Hex(590042)	Ratio: 1.29 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 2.98 Failed ⁵
Hex(D900A3)	Ratio: 3.83 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 3.79 AA 18pt ²	Ratio: 2.98 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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