

Converting Colors - WCAG Matrix

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

Hex(63001C) Hex(7F0024) Hex(4D6300) Hex(302C2D) Hex(700020) Hex(F00044)

	Hex(63001C)	Hex(7F0024)	Hex(4D6300)	Hex(302C2D)	Hex(700020)	Hex(F00044)
Hex(63001C)		Ratio: 1.25 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(7F0024)	Ratio: 1.25 Failed ⁵		Ratio: 1.61 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.48 Failed ⁵
Hex(4D6300)	Ratio: 2.00 Failed ⁵	Ratio: 1.61 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.54 Failed ⁵
Hex(302C2D)	Ratio: 1.02 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(700020)	Ratio: 1.11 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(F00044)	Ratio: 3.10 AA 18pt ²	Ratio: 2.48 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 3.14 AA 18pt ²	Ratio: 2.80 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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