

Converting Colors - WCAG Matrix

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

Hex(5C003D) Hex(780050) Hex(5C4D00) Hex(2E292C) Hex(6E0049) Hex(ED009E)

	Hex(5C003D)	Hex(780050)	Hex(5C4D00)	Hex(2E292C)	Hex(6E0049)	Hex(ED009E)
Hex(5C003D)		Ratio: 1.26 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.35 AA 18pt ²
Hex(780050)	Ratio: 1.26 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(5C4D00)	Ratio: 1.65 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(2E292C)	Ratio: 1.04 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.71 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 3.47 AA 18pt ²
Hex(6E0049)	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 2.90 Failed ⁵
Hex(ED009E)	Ratio: 3.35 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.90 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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