

Converting Colors - WCAG Matrix

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

Hex(5A0024) Hex(75002F) Hex(5A0700) Hex(2E292B) Hex(6E002C) Hex(ED005F)

	Hex(5A0024)	Hex(75002F)	Hex(5A0700)	Hex(2E292B)	Hex(6E002C)	Hex(ED005F)
Hex(5A0024)		Ratio: 1.23 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(75002F)	Ratio: 1.23 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.65 Failed ⁵
Hex(5A0700)	Ratio: 1.00 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(2E292B)	Ratio: 1.01 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(6E002C)	Ratio: 1.16 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(ED005F)	Ratio: 3.26 AA 18pt ²	Ratio: 2.65 Failed ⁵	Ratio: 3.25 AA 18pt ²	Ratio: 3.25 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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