

Converting Colors - WCAG Matrix

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

	Hex(5E394D)	Hex(7A4160)	Hex(395E5C)	Hex(2E292C)	Hex(6E003B)	Hex(ED0080)
Hex(5E394D)		Ratio: 1.27 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.27 Failed ⁵
Hex(7A4160)	Ratio: 1.27 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(395E5C)	Ratio: 1.35 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(2E292C)	Ratio: 1.48 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(6E003B)	Ratio: 1.26 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(ED0080)	Ratio: 2.27 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 2.85 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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