

Converting Colors - WCAG Matrix

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

Hex(5C1744) Hex(780C52) Hex(5C1721) Hex(2E292C) Hex(6E0047) Hex(ED009A)

	Hex(5C1744)	Hex(780C52)	Hex(5C1721)	Hex(2E292C)	Hex(6E0047)	Hex(ED009A)
Hex(5C1744)		Ratio: 1.19 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(780C52)	Ratio: 1.19 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.57 Failed ⁵
Hex(5C1721)	Ratio: 1.04 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.17 AA 18pt ²
Hex(2E292C)	Ratio: 1.13 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 3.45 AA 18pt ²
Hex(6E0047)	Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 2.89 Failed ⁵
Hex(ED009A)	Ratio: 3.05 AA 18pt ²	Ratio: 2.57 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 2.89 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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