

Converting Colors - WCAG Matrix

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

Hex(5D3040) Hex(78324B) Hex(305D36) Hex(2E292B) Hex(6E0027) Hex(ED0054)

	Hex(5D3040)	Hex(78324B)	Hex(305D36)	Hex(2E292B)	Hex(6E0027)	Hex(ED0054)
Hex(5D3040)		Ratio: 1.20 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(78324B)	Ratio: 1.20 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 2.01 Failed ⁵
Hex(305D36)	Ratio: 1.40 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(2E292B)	Ratio: 1.34 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.22 AA 18pt ²
Hex(6E0027)	Ratio: 1.16 Failed ⁵	Ratio: 1.39 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(ED0054)	Ratio: 2.41 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.79 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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