

Converting Colors - WCAG Matrix

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

Hex(5A373C) Hex(753E46) Hex(374E5A) Hex(2E292A) Hex(6E0010) Hex(ED0022)

	Hex(5A373C)	Hex(753E46)	Hex(374E5A)	Hex(2E292A)	Hex(6E0010)	Hex(ED0022)
Hex(5A373C)		Ratio: 1.24 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(753E46)	Ratio: 1.24 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(374E5A)	Ratio: 1.17 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(2E292A)	Ratio: 1.40 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(6E0010)	Ratio: 1.23 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(ED0022)	Ratio: 2.26 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 2.77 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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