

Converting Colors - WCAG Matrix

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

Hex(5B292C) Hex(78292E) Hex(295B3F) Hex(2E292A) Hex(6E0007) Hex(ED0010)

	Hex(5B292C)	Hex(78292E)	Hex(295B3F)	Hex(2E292A)	Hex(6E0007)	Hex(ED0010)
Hex(5B292C)		Ratio: 1.20 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(78292E)	Ratio: 1.20 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(295B3F)	Ratio: 1.48 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.73 Failed ⁵
Hex(2E292A)	Ratio: 1.23 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(6E0007)	Ratio: 1.08 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 2.77 Failed ⁵
Hex(ED0010)	Ratio: 2.56 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 3.14 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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