

Converting Colors - WCAG Matrix

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

Hex(592438) Hex(752141) Hex(592A24) Hex(2E292B) Hex(6E002A) Hex(ED005B)

	Hex(592438)	Hex(752141)	Hex(592A24)	Hex(2E292B)	Hex(6E002A)	Hex(ED005B)
Hex(592438)		Ratio: 1.18 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(752141)	Ratio: 1.18 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(592A24)	Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(2E292B)	Ratio: 1.18 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(6E002A)	Ratio: 1.02 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(ED005B)	Ratio: 2.74 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.24 AA 18pt ²	Ratio: 2.80 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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