

Converting Colors - WCAG Matrix

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

Hex(593650) Hex(753D67) Hex(59363E) Hex(2E292D) Hex(6E0052) Hex(ED00B2)

	Hex(593650)	Hex(753D67)	Hex(59363E)	Hex(2E292D)	Hex(6E0052)	Hex(ED00B2)
Hex(593650)		Ratio: 1.27 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(753D67)	Ratio: 1.27 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 2.00 Failed ⁵
Hex(59363E)	Ratio: 1.02 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(2E292D)	Ratio: 1.41 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.56 AA 18pt ²
Hex(6E0052)	Ratio: 1.16 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.94 Failed ⁵
Hex(ED00B2)	Ratio: 2.54 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.94 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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