

Converting Colors - WCAG Matrix

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

Hex(583B43) Hex(734652) Hex(58423B) Hex(2B2728) Hex(6B001C) Hex(EB003E)

	Hex(583B43)	Hex(734652)	Hex(58423B)	Hex(2B2728)	Hex(6B001C)	Hex(EB003E)
Hex(583B43)		Ratio: 1.29 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(734652)	Ratio: 1.29 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.69 Failed ⁵
Hex(58423B)	Ratio: 1.06 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.04 Failed ⁵
Hex(2B2728)	Ratio: 1.49 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.59 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(6B001C)	Ratio: 1.29 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 2.80 Failed ⁵
Hex(EB003E)	Ratio: 2.17 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 3.23 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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