

Converting Colors - WCAG Matrix

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

Hex(590030) Hex(73003E) Hex(595500) Hex(2B2729) Hex(6B003A) Hex(EB007F)

	Hex(590030)	Hex(73003E)	Hex(595500)	Hex(2B2729)	Hex(6B003A)	Hex(EB007F)
Hex(590030)		Ratio: 1.23 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.30 AA 18pt ²
Hex(73003E)	Ratio: 1.23 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 2.69 Failed ⁵
Hex(595500)	Ratio: 1.86 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.91 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(2B2729)	Ratio: 1.03 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.91 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 3.40 AA 18pt ²
Hex(6B003A)	Ratio: 1.15 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(EB007F)	Ratio: 3.30 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.40 AA 18pt ²	Ratio: 2.87 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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