

Converting Colors - WCAG Matrix

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

Hex(723B59) Hex(943E6C) Hex(723B3E) Hex(383235) Hex(780040) Hex(F70084)

	Hex(723B59)	Hex(943E6C)	Hex(723B3E)	Hex(383235)	Hex(780040)	Hex(F70084)
Hex(723B59)		Ratio: 1.27 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.13 Failed ⁵
Hex(943E6C)	Ratio: 1.27 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(723B3E)	Ratio: 1.03 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(383235)	Ratio: 1.48 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(780040)	Ratio: 1.33 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 2.82 Failed ⁵
Hex(F70084)	Ratio: 2.13 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 2.82 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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