

Converting Colors - WCAG Matrix

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

Hex(70354C) Hex(913459) Hex(703B35) Hex(383235) Hex(78002F) Hex(F70062)

	Hex(70354C)	Hex(913459)	Hex(703B35)	Hex(383235)	Hex(78002F)	Hex(F70062)
Hex(70354C)		Ratio: 1.23 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(913459)	Ratio: 1.23 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(703B35)	Ratio: 1.03 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 2.17 Failed ⁵
Hex(383235)	Ratio: 1.37 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.10 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(78002F)	Ratio: 1.25 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.10 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(F70062)	Ratio: 2.23 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 2.79 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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