

Converting Colors - WCAG Matrix

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

Hex(700038) Hex(910049) Hex(707000) Hex(383235) Hex(78003C) Hex(F7007C)

	Hex(700038)	Hex(910049)	Hex(707000)	Hex(383235)	Hex(78003C)	Hex(F7007C)
Hex(700038)		Ratio: 1.32 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(910049)	Ratio: 1.32 Failed ⁵		Ratio: 1.74 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.28 Failed ⁵
Hex(707000)	Ratio: 2.29 Failed ⁵	Ratio: 1.74 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.31 Failed ⁵
Hex(383235)	Ratio: 1.04 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(78003C)	Ratio: 1.07 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.81 Failed ⁵
Hex(F7007C)	Ratio: 3.00 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.81 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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