

Converting Colors - WCAG Matrix

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

Hex(970050) Hex(C40068) Hex(979200) Hex(4D4549) Hex(8C004B) Hex(0D0007)

	Hex(970050)	Hex(C40068)	Hex(979200)	Hex(4D4549)	Hex(8C004B)	Hex(0D0007)
Hex(970050)		Ratio: 1.46 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(C40068)	Ratio: 1.46 Failed ⁵		Ratio: 1.81 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(979200)	Ratio: 2.64 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 2.84 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 6.30 AA ¹ AAA 18pt ⁴
Hex(4D4549)	Ratio: 1.07 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 2.84 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C004B)	Ratio: 1.10 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(0D0007)	Ratio: 2.38 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 6.30 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.17 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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