

Converting Colors - WCAG Matrix

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

Hex(983469) Hex(C4297B) Hex(983437) Hex(4D4549) Hex(8C004A) Hex(0D0007)

	Hex(983469)	Hex(C4297B)	Hex(983437)	Hex(4D4549)	Hex(8C004A)	Hex(0D0007)
Hex(983469)		Ratio: 1.30 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.97 Failed ⁵
Hex(C4297B)	Ratio: 1.30 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 3.87 AA 18pt ²
Hex(983437)	Ratio: 1.05 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 2.82 Failed ⁵
Hex(4D4549)	Ratio: 1.34 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C004A)	Ratio: 1.37 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(0D0007)	Ratio: 2.97 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 2.82 Failed ⁵	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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