

Converting Colors - WCAG Matrix

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

Hex(980144) Hex(C40057) Hex(019809) Hex(4D4548) Hex(8C003E) Hex(0D0006)

	Hex(980144)	Hex(C40057)	Hex(019809)	Hex(4D4548)	Hex(8C003E)	Hex(0D0006)
Hex(980144)		Ratio: 1.44 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.38 Failed ⁵
Hex(C40057)	Ratio: 1.44 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.42 AA 18pt ²
Hex(019809)	Ratio: 2.27 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 5.39 AA ¹ AAA 18pt ⁴
Hex(4D4548)	Ratio: 1.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 2.43 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C003E)	Ratio: 1.11 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.14 Failed ⁵
Hex(0D0006)	Ratio: 2.38 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.14 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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