

Converting Colors - WCAG Matrix

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

Hex(98014D) Hex(C40063) Hex(980103) Hex(4D4549) Hex(8C0047) Hex(0D0006)

	Hex(98014D)	Hex(C40063)	Hex(980103)	Hex(4D4549)	Hex(8C0047)	Hex(0D0006)
Hex(98014D)		Ratio: 1.44 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 2.40 Failed ⁵
Hex(C40063)	Ratio: 1.44 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 3.46 AA 18pt ²
Hex(980103)	Ratio: 1.05 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 2.30 Failed ⁵
Hex(4D4549)	Ratio: 1.08 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0047)	Ratio: 1.11 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.16 Failed ⁵
Hex(0D0006)	Ratio: 2.40 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 2.30 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.16 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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