

Converting Colors - WCAG Matrix

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

Hex(98163C) Hex(C40039) Hex(7E9816) Hex(4D4547) Hex(8C0029) Hex(0D0004)

	Hex(98163C)	Hex(C40039)	Hex(7E9816)	Hex(4D4547)	Hex(8C0029)	Hex(0D0004)
Hex(98163C)		Ratio: 1.35 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 2.47 Failed ⁵
Hex(C40039)	Ratio: 1.35 Failed ⁵		Ratio: 1.88 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 3.34 AA 18pt ²
Hex(7E9816)	Ratio: 2.54 Failed ⁵	Ratio: 1.88 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 6.27 AA ¹ AAA 18pt ⁴
Hex(4D4547)	Ratio: 1.11 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 2.83 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0029)	Ratio: 1.17 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 2.11 Failed ⁵
Hex(0D0004)	Ratio: 2.47 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.11 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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