

Converting Colors - WCAG Matrix

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

Hex(99737B) Hex(C78B98) Hex(738E99) Hex(4D4546) Hex(8C001E) Hex(0D0003)

	Hex(99737B)	Hex(C78B98)	Hex(738E99)	Hex(4D4546)	Hex(8C001E)	Hex(0D0003)
Hex(99737B)		Ratio: 1.49 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(C78B98)	Ratio: 1.49 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.55 AA 18pt ²	Ratio: 7.44 Passed ⁶
Hex(738E99)	Ratio: 1.19 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴
Hex(4D4546)	Ratio: 2.26 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.69 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(8C001E)	Ratio: 2.39 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.10 Failed ⁵
Hex(0D0003)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 7.44 Passed ⁶	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 2.21 Failed ⁵	Ratio: 2.10 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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