

Converting Colors - WCAG Matrix

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

Hex(986C86) Hex(C480A8) Hex(70986C) Hex(4D4549) Hex(8C0053) Hex(0D0008)

	Hex(986C86)	Hex(C480A8)	Hex(70986C)	Hex(4D4549)	Hex(8C0053)	Hex(0D0008)
Hex(986C86)		Ratio: 1.45 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 4.73 AA ¹ AAA 18pt ⁴
Hex(C480A8)	Ratio: 1.45 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 6.86 AA ¹ AAA 18pt ⁴
Hex(70986C)	Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 2.83 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 6.27 AA ¹ AAA 18pt ⁴
Hex(4D4549)	Ratio: 2.13 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 2.83 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 2.22 Failed ⁵
Hex(8C0053)	Ratio: 2.15 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 2.19 Failed ⁵
Hex(0D0008)	Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 6.86 AA ¹ AAA 18pt ⁴	Ratio: 6.27 AA ¹ AAA 18pt ⁴	Ratio: 2.22 Failed ⁵	Ratio: 2.19 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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