

Converting Colors - WCAG Matrix

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

Hex(AC98AC) Hex(E0C1E0) Hex(98ACA2) Hex(574E57) Hex(960096) Hex(170017)

	Hex(AC98AC)	Hex(E0C1E0)	Hex(98ACA2)	Hex(574E57)	Hex(960096)	Hex(170017)
Hex(AC98AC)		Ratio: 1.64 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 7.48 Passed ⁶
Hex(E0C1E0)	Ratio: 1.64 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 12.27 Passed ⁶
Hex(98ACA2)	Ratio: 1.12 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 3.33 AA 18pt ²	Ratio: 3.20 AA 18pt ²	Ratio: 8.35 Passed ⁶
Hex(574E57)	Ratio: 2.98 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(960096)	Ratio: 2.86 Failed ⁵	Ratio: 4.70 AA ¹ AAA 18pt ⁴	Ratio: 3.20 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 2.61 Failed ⁵
Hex(170017)	Ratio: 7.48 Passed ⁶	Ratio: 12.27 Passed ⁶	Ratio: 8.35 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.61 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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