

Converting Colors - WCAG Matrix

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

Hex(A77898) Hex(D98FC1) Hex(A77881) Hex(544C51) Hex(940065) Hex(14000E)

	Hex(A77898)	Hex(D98FC1)	Hex(A77881)	Hex(544C51)	Hex(940065)	Hex(14000E)
Hex(A77898)		Ratio: 1.50 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 5.58 AA ¹ AAA 18pt ⁴
Hex(D98FC1)	Ratio: 1.50 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 8.35 Passed ⁶
Hex(A77881)	Ratio: 1.02 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.23 Failed ⁵	Ratio: 2.31 Failed ⁵	Ratio: 5.45 AA ¹ AAA 18pt ⁴
Hex(544C51)	Ratio: 2.29 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 2.23 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(940065)	Ratio: 2.36 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 2.31 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 2.36 Failed ⁵
Hex(14000E)	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 8.35 Passed ⁶	Ratio: 5.45 AA ¹ AAA 18pt ⁴	Ratio: 2.44 Failed ⁵	Ratio: 2.36 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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