

Converting Colors - WCAG Matrix

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

Hex(9D7BA9) Hex(C893DB) Hex(A97B9E) Hex(524C54) Hex(6D0094) Hex(0F0014)

	Hex(9D7BA9)	Hex(C893DB)	Hex(A97B9E)	Hex(524C54)	Hex(6D0094)	Hex(0F0014)
Hex(9D7BA9)		Ratio: 1.48 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 5.67 AA ¹ AAA 18pt ⁴
Hex(C893DB)	Ratio: 1.48 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.16 AA 18pt ²	Ratio: 8.40 Passed ⁶
Hex(A97B9E)	Ratio: 1.03 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 5.84 AA ¹ AAA 18pt ⁴
Hex(524C54)	Ratio: 2.32 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.39 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(6D0094)	Ratio: 2.81 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 2.02 Failed ⁵
Hex(0F0014)	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 8.40 Passed ⁶	Ratio: 5.84 AA ¹ AAA 18pt ⁴	Ratio: 2.45 Failed ⁵	Ratio: 2.02 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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