

Converting Colors - WCAG Matrix

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

Hex(A697A8) Hex(D7C1DB) Hex(A897A2) Hex(534C54) Hex(7E0094) Hex(110014)

	Hex(A697A8)	Hex(D7C1DB)	Hex(A897A2)	Hex(534C54)	Hex(7E0094)	Hex(110014)
Hex(A697A8)		Ratio: 1.65 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 7.36 Passed ⁶
Hex(D7C1DB)	Ratio: 1.65 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 12.13 Passed ⁶
Hex(A897A2)	Ratio: 1.00 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 3.01 AA 18pt ²	Ratio: 3.29 AA 18pt ²	Ratio: 7.36 Passed ⁶
Hex(534C54)	Ratio: 3.01 AA 18pt ²	Ratio: 4.96 AA ¹ AAA 18pt ⁴	Ratio: 3.01 AA 18pt ²		Ratio: 1.09 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(7E0094)	Ratio: 3.29 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 3.29 AA 18pt ²	Ratio: 1.09 Failed ⁵		Ratio: 2.24 Failed ⁵
Hex(110014)	Ratio: 7.36 Passed ⁶	Ratio: 12.13 Passed ⁶	Ratio: 7.36 Passed ⁶	Ratio: 2.45 Failed ⁵	Ratio: 2.24 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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