

Converting Colors - WCAG Matrix

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

Hex(C97FA2) Hex(FF8FC3) Hex(7FC981) Hex(665C61) Hex(A6004D) Hex(260012)

	Hex(C97FA2)	Hex(FF8FC3)	Hex(7FC981)	Hex(665C61)	Hex(A6004D)	Hex(260012)
Hex(C97FA2)		Ratio: 1.42 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 6.45 AA ¹ AAA 18pt ⁴
Hex(FF8FC3)	Ratio: 1.42 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.65 AA 18pt ²	Ratio: 9.14 Passed ⁶
Hex(7FC981)	Ratio: 1.50 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.24 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 9.69 Passed ⁶
Hex(665C61)	Ratio: 2.15 Failed ⁵	Ratio: 3.05 AA 18pt ²	Ratio: 3.24 AA 18pt ²		Ratio: 1.20 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A6004D)	Ratio: 2.58 Failed ⁵	Ratio: 3.65 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(260012)	Ratio: 6.45 AA ¹ AAA 18pt ⁴	Ratio: 9.14 Passed ⁶	Ratio: 9.69 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.50 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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