

Converting Colors - WCAG Matrix

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

Hex(AD7E8C) Hex(E096AC) Hex(7EAD87) Hex(574E51) Hex(96002D) Hex(170007)

	Hex(AD7E8C)	Hex(E096AC)	Hex(7EAD87)	Hex(574E51)	Hex(96002D)	Hex(170007)
Hex(AD7E8C)		Ratio: 1.49 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 5.91 AA ¹ AAA 18pt ⁴
Hex(E096AC)	Ratio: 1.49 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 3.91 AA 18pt ²	Ratio: 8.78 Passed ⁶
Hex(7EAD87)	Ratio: 1.34 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 3.14 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 7.90 Passed ⁶
Hex(574E51)	Ratio: 2.35 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 3.14 AA 18pt ²		Ratio: 1.12 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(96002D)	Ratio: 2.63 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 3.52 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.25 Failed ⁵
Hex(170007)	Ratio: 5.91 AA ¹ AAA 18pt ⁴	Ratio: 8.78 Passed ⁶	Ratio: 7.90 Passed ⁶	Ratio: 2.51 Failed ⁵	Ratio: 2.25 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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