

Converting Colors - WCAG Matrix

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

Hex(D9B7C9) Hex(FFCFE8) Hex(D9D8B7) Hex(6E6368) Hex(AD005C) Hex(2E0018)

	Hex(D9B7C9)	Hex(FFCFE8)	Hex(D9D8B7)	Hex(6E6368)	Hex(AD005C)	Hex(2E0018)
Hex(D9B7C9)		Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 10.24 Passed ⁶
Hex(FFCFE8)	Ratio: 1.33 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 13.58 Passed ⁶
Hex(D9D8B7)	Ratio: 1.25 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 3.96 AA 18pt ²	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 12.80 Passed ⁶
Hex(6E6368)	Ratio: 3.17 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 3.96 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.23 AA 18pt ²
Hex(AD005C)	Ratio: 3.95 AA 18pt ²	Ratio: 5.23 AA ¹ AAA 18pt ⁴	Ratio: 4.93 AA ¹ AAA 18pt ⁴	Ratio: 1.24 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(2E0018)	Ratio: 10.24 Passed ⁶	Ratio: 13.58 Passed ⁶	Ratio: 12.80 Passed ⁶	Ratio: 3.23 AA 18pt ²	Ratio: 2.60 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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