

Converting Colors - WCAG Matrix

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

Hex(D9B5D7) Hex(FFCCFC) Hex(D9B5C5) Hex(6E636D) Hex(AD00A2) Hex(2E002B)

	Hex(D9B5D7)	Hex(FFCCFC)	Hex(D9B5C5)	Hex(6E636D)	Hex(AD00A2)	Hex(2E002B)
Hex(D9B5D7)		Ratio: 1.33 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.15 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 10.03 Passed ⁶
Hex(FFCCFC)	Ratio: 1.33 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 4.17 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 13.29 Passed ⁶
Hex(D9B5C5)	Ratio: 1.02 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 3.10 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 9.88 Passed ⁶
Hex(6E636D)	Ratio: 3.15 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 3.10 AA 18pt ²		Ratio: 1.11 Failed ⁵	Ratio: 3.19 AA 18pt ²
Hex(AD00A2)	Ratio: 3.50 AA 18pt ²	Ratio: 4.64 AA ¹ AAA 18pt ⁴	Ratio: 3.45 AA 18pt ²	Ratio: 1.11 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(2E002B)	Ratio: 10.03 Passed ⁶	Ratio: 13.29 Passed ⁶	Ratio: 9.88 Passed ⁶	Ratio: 3.19 AA 18pt ²	Ratio: 2.87 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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