

Converting Colors - WCAG Matrix

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

Hex(D9A2AB) Hex(FFB3BF) Hex(D9B4A2) Hex(6E6364) Hex(AD001C) Hex(2E0008)

	Hex(D9A2AB)	Hex(FFB3BF)	Hex(D9B4A2)	Hex(6E6364)	Hex(AD001C)	Hex(2E0008)
Hex(D9A2AB)		Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 8.67 Passed ⁶
Hex(FFB3BF)	Ratio: 1.28 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 11.12 Passed ⁶
Hex(D9B4A2)	Ratio: 1.13 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.03 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 9.83 Passed ⁶
Hex(6E6364)	Ratio: 2.67 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 3.03 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 3.24 AA 18pt ²
Hex(AD001C)	Ratio: 3.47 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 1.30 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(2E0008)	Ratio: 8.67 Passed ⁶	Ratio: 11.12 Passed ⁶	Ratio: 9.83 Passed ⁶	Ratio: 3.24 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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