

Converting Colors - WCAG Matrix

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

Hex(DDA2AD) Hex(FFADBD) Hex(A2DDB3) Hex(6E6365) Hex(AD0022) Hex(2E0009)

	Hex(DDA2AD)	Hex(FFADBD)	Hex(A2DDB3)	Hex(6E6365)	Hex(AD0022)	Hex(2E0009)
Hex(DDA2AD)		Ratio: 1.22 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 8.79 Passed ⁶
Hex(FFADBD)	Ratio: 1.22 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 10.68 Passed ⁶
Hex(A2DDB3)	Ratio: 1.37 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 12.08 Passed ⁶
Hex(6E6365)	Ratio: 2.71 Failed ⁵	Ratio: 3.29 AA 18pt ²	Ratio: 3.72 AA 18pt ²		Ratio: 1.30 Failed ⁵	Ratio: 3.25 AA 18pt ²
Hex(AD0022)	Ratio: 3.52 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.30 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(2E0009)	Ratio: 8.79 Passed ⁶	Ratio: 10.68 Passed ⁶	Ratio: 12.08 Passed ⁶	Ratio: 3.25 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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