

Converting Colors - WCAG Matrix

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

Hex(A28A9B) Hex(D4AEC9) Hex(8AA29D) Hex(52494F) Hex(910067) Hex(12000D)

	Hex(A28A9B)	Hex(D4AEC9)	Hex(8AA29D)	Hex(52494F)	Hex(910067)	Hex(12000D)
Hex(A28A9B)		Ratio: 1.61 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 6.44 AA ¹ AAA 18pt ⁴
Hex(D4AEC9)	Ratio: 1.61 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 4.46 AA 18pt ²	Ratio: 10.37 Passed ⁶
Hex(8AA29D)	Ratio: 1.16 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 3.19 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 7.50 Passed ⁶
Hex(52494F)	Ratio: 2.74 Failed ⁵	Ratio: 4.41 AA 18pt ²	Ratio: 3.19 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910067)	Ratio: 2.77 Failed ⁵	Ratio: 4.46 AA 18pt ²	Ratio: 3.22 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 2.33 Failed ⁵
Hex(12000D)	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 10.37 Passed ⁶	Ratio: 7.50 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 2.33 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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