

Converting Colors - WCAG Matrix

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

Hex(A19299) Hex(D1BAC5) Hex(92A0A1) Hex(52494D) Hex(910044) Hex(120008)

	Hex(A19299)	Hex(D1BAC5)	Hex(92A0A1)	Hex(52494D)	Hex(910044)	Hex(120008)
Hex(A19299)		Ratio: 1.63 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 6.89 AA ¹ AAA 18pt ⁴
Hex(D1BAC5)	Ratio: 1.63 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 11.21 Passed ⁶
Hex(92A0A1)	Ratio: 1.10 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.21 AA 18pt ²	Ratio: 3.39 AA 18pt ²	Ratio: 7.54 Passed ⁶
Hex(52494D)	Ratio: 2.93 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²		Ratio: 1.06 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910044)	Ratio: 3.10 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.39 AA 18pt ²	Ratio: 1.06 Failed ⁵		Ratio: 2.22 Failed ⁵
Hex(120008)	Ratio: 6.89 AA ¹ AAA 18pt ⁴	Ratio: 11.21 Passed ⁶	Ratio: 7.54 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 2.22 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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