

Converting Colors - WCAG Matrix

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

Hex(A3919C) Hex(D4B8C9) Hex(A3A191) Hex(52494E) Hex(91005A) Hex(12000B)

	Hex(A3919C)	Hex(D4B8C9)	Hex(A3A191)	Hex(52494E)	Hex(91005A)	Hex(12000B)
Hex(A3919C)		Ratio: 1.62 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 6.88 AA ¹ AAA 18pt ⁴
Hex(D4B8C9)	Ratio: 1.62 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 11.16 Passed ⁶
Hex(A3A191)	Ratio: 1.14 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 3.33 AA 18pt ²	Ratio: 3.43 AA 18pt ²	Ratio: 7.82 Passed ⁶
Hex(52494E)	Ratio: 2.93 Failed ⁵	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(91005A)	Ratio: 3.01 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 3.43 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 2.28 Failed ⁵
Hex(12000B)	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 11.16 Passed ⁶	Ratio: 7.82 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 2.28 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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