

Converting Colors - WCAG Matrix

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

Hex(A3989B) Hex(D4C3C7) Hex(A39A98) Hex(52494C) Hex(910028) Hex(120005)

	Hex(A3989B)	Hex(D4C3C7)	Hex(A39A98)	Hex(52494C)	Hex(910028)	Hex(120005)
Hex(A3989B)		Ratio: 1.65 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.37 AA 18pt ²	Ratio: 7.32 Passed ⁶
Hex(D4C3C7)	Ratio: 1.65 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 12.09 Passed ⁶
Hex(A39A98)	Ratio: 1.01 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 3.42 AA 18pt ²	Ratio: 7.43 Passed ⁶
Hex(52494C)	Ratio: 3.11 AA 18pt ²	Ratio: 5.14 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²		Ratio: 1.08 Failed ⁵	Ratio: 2.35 Failed ⁵
Hex(910028)	Ratio: 3.37 AA 18pt ²	Ratio: 5.56 AA ¹ AAA 18pt ⁴	Ratio: 3.42 AA 18pt ²	Ratio: 1.08 Failed ⁵		Ratio: 2.17 Failed ⁵
Hex(120005)	Ratio: 7.32 Passed ⁶	Ratio: 12.09 Passed ⁶	Ratio: 7.43 Passed ⁶	Ratio: 2.35 Failed ⁵	Ratio: 2.17 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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