

Converting Colors - WCAG Matrix

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

Hex(B8B899) Hex(F0F0C0) Hex(A9B899) Hex(5C5C53) Hex(9C9C00) Hex(1C1C00)

	Hex(B8B899)	Hex(F0F0C0)	Hex(A9B899)	Hex(5C5C53)	Hex(9C9C00)	Hex(1C1C00)
Hex(B8B899)		Ratio: 1.73 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 1.44 Failed ⁵	Ratio: 8.52 Passed ⁶
Hex(F0F0C0)	Ratio: 1.73 Failed ⁵		Ratio: 1.79 Failed ⁵	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 14.75 Passed ⁶
Hex(A9B899)	Ratio: 1.04 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 3.22 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 8.23 Passed ⁶
Hex(5C5C53)	Ratio: 3.33 AA 18pt ²	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 3.22 AA 18pt ²		Ratio: 2.30 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(9C9C00)	Ratio: 1.44 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 5.90 AA ¹ AAA 18pt ⁴
Hex(1C1C00)	Ratio: 8.52 Passed ⁶	Ratio: 14.75 Passed ⁶	Ratio: 8.23 Passed ⁶	Ratio: 2.56 Failed ⁵	Ratio: 5.90 AA ¹ AAA 18pt ⁴	

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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