

Converting Colors - WCAG Matrix

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

Hex(BCA9AC) Hex(F5D7DC) Hex(A9BCAF) Hex(5E5556) Hex(9E0019) Hex(1F0005)

	Hex(BCA9AC)	Hex(F5D7DC)	Hex(A9BCAF)	Hex(5E5556)	Hex(9E0019)	Hex(1F0005)
Hex(BCA9AC)		Ratio: 1.66 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 8.87 Passed ⁶
Hex(F5D7DC)	Ratio: 1.66 Failed ⁵		Ratio: 1.49 Failed ⁵	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 14.75 Passed ⁶
Hex(A9BCAF)	Ratio: 1.12 Failed ⁵	Ratio: 1.49 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 9.90 Passed ⁶
Hex(5E5556)	Ratio: 3.23 AA 18pt ²	Ratio: 5.37 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²		Ratio: 1.18 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(9E0019)	Ratio: 3.81 AA 18pt ²	Ratio: 6.34 AA ¹ AAA 18pt ⁴	Ratio: 4.25 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 2.33 Failed ⁵
Hex(1F0005)	Ratio: 8.87 Passed ⁶	Ratio: 14.75 Passed ⁶	Ratio: 9.90 Passed ⁶	Ratio: 2.74 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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