

Converting Colors - WCAG Matrix

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

Hex(BCA7AF) Hex(F5D5E1) Hex(BCA9A7) Hex(5E5559) Hex(9E003C) Hex(1F000C)

	Hex(BCA7AF)	Hex(F5D5E1)	Hex(BCA9A7)	Hex(5E5559)	Hex(9E003C)	Hex(1F000C)
Hex(BCA7AF)		Ratio: 1.67 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 3.69 AA 18pt ²	Ratio: 8.73 Passed ⁶
Hex(F5D5E1)	Ratio: 1.67 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 14.56 Passed ⁶
Hex(BCA9A7)	Ratio: 1.01 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 3.21 AA 18pt ²	Ratio: 3.72 AA 18pt ²	Ratio: 8.81 Passed ⁶
Hex(5E5559)	Ratio: 3.18 AA 18pt ²	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 3.21 AA 18pt ²		Ratio: 1.16 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(9E003C)	Ratio: 3.69 AA 18pt ²	Ratio: 6.15 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 1.16 Failed ⁵		Ratio: 2.37 Failed ⁵
Hex(1F000C)	Ratio: 8.73 Passed ⁶	Ratio: 14.56 Passed ⁶	Ratio: 8.81 Passed ⁶	Ratio: 2.75 Failed ⁵	Ratio: 2.37 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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