

Converting Colors - WCAG Matrix

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

Hex(B8B5B7) Hex(F0EBEE) Hex(B8B5B6) Hex(5C5A5B) Hex(9C0068) Hex(1C0013)

	Hex(B8B5B7)	Hex(F0EBEE)	Hex(B8B5B6)	Hex(5C5A5B)	Hex(9C0068)	Hex(1C0013)
Hex(B8B5B7)		Ratio: 1.73 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.37 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 9.76 Passed ⁶
Hex(F0EBEE)	Ratio: 1.73 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 16.83 Passed ⁶
Hex(B8B5B6)	Ratio: 1.00 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 3.36 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 9.75 Passed ⁶
Hex(5C5A5B)	Ratio: 3.37 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 3.36 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(9C0068)	Ratio: 3.95 AA 18pt ²	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 3.95 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.47 Failed ⁵
Hex(1C0013)	Ratio: 9.76 Passed ⁶	Ratio: 16.83 Passed ⁶	Ratio: 9.75 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 2.47 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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