

Converting Colors - WCAG Matrix

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

Hex(B994A6) Hex(F0B6D2) Hex(B99494) Hex(5C5357) Hex(9C004C) Hex(1C000E)

	Hex(B994A6)	Hex(F0B6D2)	Hex(B99494)	Hex(5C5357)	Hex(9C004C)	Hex(1C000E)
Hex(B994A6)		Ratio: 1.57 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 7.43 Passed ⁶
Hex(F0B6D2)	Ratio: 1.57 Failed ⁵		Ratio: 1.60 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 11.68 Passed ⁶
Hex(B99494)	Ratio: 1.02 Failed ⁵	Ratio: 1.60 Failed ⁵		Ratio: 2.73 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 7.32 Passed ⁶
Hex(5C5357)	Ratio: 2.77 Failed ⁵	Ratio: 4.36 AA 18pt ²	Ratio: 2.73 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C004C)	Ratio: 3.12 AA 18pt ²	Ratio: 4.90 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²	Ratio: 1.12 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(1C000E)	Ratio: 7.43 Passed ⁶	Ratio: 11.68 Passed ⁶	Ratio: 7.32 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 2.38 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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