

Converting Colors - WCAG Matrix

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

Hex(B9AAB1) Hex(F0D8E3) Hex(B9B9AA) Hex(5C5357) Hex(9C0049) Hex(1C000D)

	Hex(B9AAB1)	Hex(F0D8E3)	Hex(B9B9AA)	Hex(5C5357)	Hex(9C0049)	Hex(1C000D)
Hex(B9AAB1)		Ratio: 1.66 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.76 AA 18pt ²	Ratio: 8.95 Passed ⁶
Hex(F0D8E3)	Ratio: 1.66 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 14.82 Passed ⁶
Hex(B9B9AA)	Ratio: 1.12 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 3.74 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 10.03 Passed ⁶
Hex(5C5357)	Ratio: 3.34 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 3.74 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(9C0049)	Ratio: 3.76 AA 18pt ²	Ratio: 6.23 AA ¹ AAA 18pt ⁴	Ratio: 4.22 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.38 Failed ⁵
Hex(1C000D)	Ratio: 8.95 Passed ⁶	Ratio: 14.82 Passed ⁶	Ratio: 10.03 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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