

Converting Colors - WCAG Matrix

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

Hex(BA9BB9) Hex(F2C2F2) Hex(BAAA9B) Hex(5C535C) Hex(9C009B) Hex(1C001C)

	Hex(BA9BB9)	Hex(F2C2F2)	Hex(BAAA9B)	Hex(5C535C)	Hex(9C009B)	Hex(1C001C)
Hex(BA9BB9)		Ratio: 1.62 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 7.95 Passed ⁶
Hex(F2C2F2)	Ratio: 1.62 Failed ⁵		Ratio: 1.48 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 12.92 Passed ⁶
Hex(BAAA9B)	Ratio: 1.10 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 3.27 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 8.73 Passed ⁶
Hex(5C535C)	Ratio: 2.98 Failed ⁵	Ratio: 4.84 AA ¹ AAA 18pt ⁴	Ratio: 3.27 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 2.67 Failed ⁵
Hex(9C009B)	Ratio: 2.94 Failed ⁵	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(1C001C)	Ratio: 7.95 Passed ⁶	Ratio: 12.92 Passed ⁶	Ratio: 8.73 Passed ⁶	Ratio: 2.67 Failed ⁵	Ratio: 2.71 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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