

Converting Colors - WCAG Matrix

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

Hex(BCB4B6) Hex(F5E9EC) Hex(B4BABC) Hex(5E595A) Hex(9E002F) Hex(1F0009)

Hex(BCB4B6)		Ratio: 1.72 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 4.15 AA 18pt ²	Ratio: 9.74 Passed ⁶
Hex(F5E9EC)	Ratio: 1.72 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 7.11 Passed ⁶	Ratio: 16.71 Passed ⁶
Hex(B4BABC)	Ratio: 1.03 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.50 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 10.06 Passed ⁶
Hex(5E595A)	Ratio: 3.39 AA 18pt ²	Ratio: 5.81 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²		Ratio: 1.22 Failed ⁵	Ratio: 2.87 Failed ⁵
Hex(9E002F)	Ratio: 4.15 AA 18pt ²	Ratio: 7.11 Passed ⁶	Ratio: 4.29 AA 18pt ²	Ratio: 1.22 Failed ⁵		Ratio: 2.35 Failed ⁵
Hex(1F0009)	Ratio: 9.74 Passed ⁶	Ratio: 16.71 Passed ⁶	Ratio: 10.06 Passed ⁶	Ratio: 2.87 Failed ⁵	Ratio: 2.35 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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