

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(BBA7B4) Hex(F2D3E7) Hex(BBA7AA) Hex(5E555B) Hex(9E0067) Hex(1F0014)

Hex(BBA7B4)		Ratio: 1.64 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 3.51 AA 18pt ²	Ratio: 8.70 Passed ⁶
Hex(F2D3E7)	Ratio: 1.64 Failed ⁵		Ratio: 1.65 Failed ⁵	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 14.27 Passed ⁶
Hex(BBA7AA)	Ratio: 1.01 Failed ⁵	Ratio: 1.65 Failed ⁵		Ratio: 3.15 AA 18pt ²	Ratio: 3.48 AA 18pt ²	Ratio: 8.63 Passed ⁶
Hex(5E555B)	Ratio: 3.18 AA 18pt ²	Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 3.15 AA 18pt ²		Ratio: 1.10 Failed ⁵	Ratio: 2.74 Failed ⁵
Hex(9E0067)	Ratio: 3.51 AA 18pt ²	Ratio: 5.75 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²	Ratio: 1.10 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(1F0014)	Ratio: 8.70 Passed ⁶	Ratio: 14.27 Passed ⁶	Ratio: 8.63 Passed ⁶	Ratio: 2.74 Failed ⁵	Ratio: 2.48 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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