

Converting Colors - WCAG Matrix

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

Hex(BFA2BE) Hex(F7CBF6) Hex(A2BFB1) Hex(5E555E) Hex(9E0099) Hex(1F001E)

	Hex(BFA2BE)	Hex(F7CBF6)	Hex(A2BFB1)	Hex(5E555E)	Hex(9E0099)	Hex(1F001E)
Hex(BFA2BE)		Ratio: 1.62 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.13 AA 18pt ²	Ratio: 8.47 Passed ⁶
Hex(F7CBF6)	Ratio: 1.62 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 13.77 Passed ⁶
Hex(A2BFB1)	Ratio: 1.16 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 3.62 AA 18pt ²	Ratio: 3.65 AA 18pt ²	Ratio: 9.86 Passed ⁶
Hex(5E555E)	Ratio: 3.11 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 3.62 AA 18pt ²		Ratio: 1.01 Failed ⁵	Ratio: 2.73 Failed ⁵
Hex(9E0099)	Ratio: 3.13 AA 18pt ²	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 3.65 AA 18pt ²	Ratio: 1.01 Failed ⁵		Ratio: 2.71 Failed ⁵
Hex(1F001E)	Ratio: 8.47 Passed ⁶	Ratio: 13.77 Passed ⁶	Ratio: 9.86 Passed ⁶	Ratio: 2.73 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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