

Converting Colors - WCAG Matrix

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

Hex(BAABBD) Hex(F2D9F5) Hex(BDABB5) Hex(5C545E) Hex(87009E) Hex(1A001F)

	Hex(BAABBD)	Hex(F2D9F5)	Hex(BDABB5)	Hex(5C545E)	Hex(87009E)	Hex(1A001F)
Hex(BAABBD)		Ratio: 1.66 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 3.82 AA 18pt ²	Ratio: 9.07 Passed ⁶
Hex(F2D9F5)	Ratio: 1.66 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 15.06 Passed ⁶
Hex(BDABB5)	Ratio: 1.00 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 3.35 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 9.08 Passed ⁶
Hex(5C545E)	Ratio: 3.34 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 3.35 AA 18pt ²		Ratio: 1.14 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(87009E)	Ratio: 3.82 AA 18pt ²	Ratio: 6.35 AA ¹ AAA 18pt ⁴	Ratio: 3.83 AA 18pt ²	Ratio: 1.14 Failed ⁵		Ratio: 2.37 Failed ⁵
Hex(1A001F)	Ratio: 9.07 Passed ⁶	Ratio: 15.06 Passed ⁶	Ratio: 9.08 Passed ⁶	Ratio: 2.71 Failed ⁵	Ratio: 2.37 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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