

Converting Colors - WCAG Matrix

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

Hex(BDBCC2) Hex(F5F2FC) Hex(C0BCC2) Hex(5D5C61) Hex(2400A1) Hex(080021)

	Hex(BDBCC2)	Hex(F5F2FC)	Hex(C0BCC2)	Hex(5D5C61)	Hex(2400A1)	Hex(080021)
Hex(BDBCC2)		Ratio: 1.71 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 7.01 Passed ⁶	Ratio: 10.79 Passed ⁶
Hex(F5F2FC)	Ratio: 1.71 Failed ⁵		Ratio: 1.69 Failed ⁵	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 11.95 Passed ⁶	Ratio: 18.40 Passed ⁶
Hex(C0BCC2)	Ratio: 1.01 Failed ⁵	Ratio: 1.69 Failed ⁵		Ratio: 3.54 AA 18pt ²	Ratio: 7.05 Passed ⁶	Ratio: 10.86 Passed ⁶
Hex(5D5C61)	Ratio: 3.51 AA 18pt ²	Ratio: 5.99 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²		Ratio: 1.99 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(2400A1)	Ratio: 7.01 Passed ⁶	Ratio: 11.95 Passed ⁶	Ratio: 7.05 Passed ⁶	Ratio: 1.99 Failed ⁵		Ratio: 1.54 Failed ⁵
Hex(080021)	Ratio: 10.79 Passed ⁶	Ratio: 18.40 Passed ⁶	Ratio: 10.86 Passed ⁶	Ratio: 3.07 AA 18pt ²	Ratio: 1.54 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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