

Converting Colors - WCAG Matrix

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

Hex(D7B2BC) Hex(FFC9D8) Hex(CFD7B2) Hex(6B6063) Hex(AB002F) Hex(2B000C)

	Hex(D7B2BC)	Hex(FFC9D8)	Hex(CFD7B2)	Hex(6B6063)	Hex(AB002F)	Hex(2B000C)
Hex(D7B2BC)		Ratio: 1.33 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 3.16 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 9.91 Passed ⁶
Hex(FFC9D8)	Ratio: 1.33 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 13.18 Passed ⁶
Hex(CFD7B2)	Ratio: 1.28 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 4.03 AA 18pt ²	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 12.65 Passed ⁶
Hex(6B6063)	Ratio: 3.16 AA 18pt ²	Ratio: 4.20 AA 18pt ²	Ratio: 4.03 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB002F)	Ratio: 3.96 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 5.06 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵		Ratio: 2.50 Failed ⁵
Hex(2B000C)	Ratio: 9.91 Passed ⁶	Ratio: 13.18 Passed ⁶	Ratio: 12.65 Passed ⁶	Ratio: 3.14 AA 18pt ²	Ratio: 2.50 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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