

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(D8A9B8) Hex(FFBDD2) Hex(D8B1A9) Hex(6B6064) Hex(AB0037) Hex(2B000E)

	Hex(D8A9B8)	Hex(FFBDD2)	Hex(D8B1A9)	Hex(6B6064)	Hex(AB0037)	Hex(2B000E)
Hex(D8A9B8)		Ratio: 1.31 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.69 AA 18pt ²	Ratio: 9.28 Passed ⁶
Hex(FFBDD2)	Ratio: 1.31 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 12.14 Passed ⁶
Hex(D8B1A9)	Ratio: 1.05 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 3.10 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 9.72 Passed ⁶
Hex(6B6064)	Ratio: 2.95 Failed ⁵	Ratio: 3.87 AA 18pt ²	Ratio: 3.10 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB0037)	Ratio: 3.69 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 3.87 AA 18pt ²	Ratio: 1.25 Failed ⁵		Ratio: 2.51 Failed ⁵
Hex(2B000E)	Ratio: 9.28 Passed ⁶	Ratio: 12.14 Passed ⁶	Ratio: 9.72 Passed ⁶	Ratio: 3.14 AA 18pt ²	Ratio: 2.51 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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