

Converting Colors - WCAG Matrix

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

Hex(D7B7BE) Hex(FFD1DB) Hex(B7CED7) Hex(6B6063) Hex(AB0025) Hex(2B0009)

	Hex(D7B7BE)	Hex(FFD1DB)	Hex(B7CED7)	Hex(6B6063)	Hex(AB0025)	Hex(2B0009)
Hex(D7B7BE)		Ratio: 1.35 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 10.31 Passed ⁶
Hex(FFD1DB)	Ratio: 1.35 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 4.43 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 13.91 Passed ⁶
Hex(B7CED7)	Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 11.59 Passed ⁶
Hex(6B6063)	Ratio: 3.28 AA 18pt ²	Ratio: 4.43 AA 18pt ²	Ratio: 3.69 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(AB0025)	Ratio: 4.14 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵		Ratio: 2.49 Failed ⁵
Hex(2B0009)	Ratio: 10.31 Passed ⁶	Ratio: 13.91 Passed ⁶	Ratio: 11.59 Passed ⁶	Ratio: 3.14 AA 18pt ²	Ratio: 2.49 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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