

Converting Colors - WCAG Matrix

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

Hex(D8BAB7) Hex(FFD5D1) Hex(D8CAB7) Hex(6B6160) Hex(AB1000) Hex(2B0400)

	Hex(D8BAB7)	Hex(FFD5D1)	Hex(D8CAB7)	Hex(6B6160)	Hex(AB1000)	Hex(2B0400)
Hex(D8BAB7)		Ratio: 1.35 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.14 AA 18pt ²	Ratio: 10.38 Passed ⁶
Hex(FFD5D1)	Ratio: 1.35 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 14.01 Passed ⁶
Hex(D8CAB7)	Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 11.65 Passed ⁶
Hex(6B6160)	Ratio: 3.32 AA 18pt ²	Ratio: 4.48 AA 18pt ²	Ratio: 3.72 AA 18pt ²		Ratio: 1.25 Failed ⁵	Ratio: 3.13 AA 18pt ²
Hex(AB1000)	Ratio: 4.14 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵		Ratio: 2.51 Failed ⁵
Hex(2B0400)	Ratio: 10.38 Passed ⁶	Ratio: 14.01 Passed ⁶	Ratio: 11.65 Passed ⁶	Ratio: 3.13 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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