

Converting Colors - WCAG Matrix

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

Hex(D2BC93) Hex(FFF7E8) Hex(D293A9) Hex(807B71) Hex(000000) Hex(808080)

	Hex(D2BC93)	Hex(FFF7E8)	Hex(D293A9)	Hex(807B71)	Hex(000000)	Hex(808080)
Hex(D2BC93)		Ratio: 1.74 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 11.36 Passed ⁶	Ratio: 2.14 Failed ⁵
Hex(FFF7E8)	Ratio: 1.74 Failed ⁵		Ratio: 2.32 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.72 Passed ⁶	Ratio: 3.71 AA 18pt ²
Hex(D293A9)	Ratio: 1.34 Failed ⁵	Ratio: 2.32 Failed ⁵		Ratio: 1.70 Failed ⁵	Ratio: 8.49 Passed ⁶	Ratio: 1.60 Failed ⁵
Hex(807B71)	Ratio: 2.28 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.70 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 11.36 Passed ⁶	Ratio: 19.72 Passed ⁶	Ratio: 8.49 Passed ⁶	Ratio: 4.99 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.14 Failed ⁵	Ratio: 3.71 AA 18pt ²	Ratio: 1.60 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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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