

Converting Colors - WCAG Matrix

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

Hex(D4BF90) Hex(FFF7E6) Hex(D490A4) Hex(807B70) Hex(000000) Hex(808080)

	Hex(D4BF90)	Hex(FFF7E6)	Hex(D490A4)	Hex(807B70)	Hex(000000)	Hex(808080)
Hex(D4BF90)		Ratio: 1.69 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 2.34 Failed ⁵	Ratio: 11.65 Passed ⁶	Ratio: 2.19 Failed ⁵
Hex(FFF7E6)	Ratio: 1.69 Failed ⁵		Ratio: 2.37 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.70 Passed ⁶	Ratio: 3.70 AA 18pt ²
Hex(D490A4)	Ratio: 1.40 Failed ⁵	Ratio: 2.37 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 8.32 Passed ⁶	Ratio: 1.57 Failed ⁵
Hex(807B70)	Ratio: 2.34 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.67 Failed ⁵		Ratio: 4.99 AA ¹ AAA 18pt ⁴	Ratio: 1.07 Failed ⁵
Hex(000000)	Ratio: 11.65 Passed ⁶	Ratio: 19.70 Passed ⁶	Ratio: 8.32 Passed ⁶	Ratio: 4.99 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.19 Failed ⁵	Ratio: 3.70 AA 18pt ²	Ratio: 1.57 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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