

Converting Colors - WCAG Matrix

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

Hex(D1AB83) Hex(FFF1E3) Hex(D183AA) Hex(80776F) Hex(000000) Hex(808080)

	Hex(D1AB83)	Hex(FFF1E3)	Hex(D183AA)	Hex(80776F)	Hex(000000)	Hex(808080)
Hex(D1AB83)		Ratio: 1.92 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 9.86 Passed ⁶	Ratio: 1.86 Failed ⁵
Hex(FFF1E3)	Ratio: 1.92 Failed ⁵		Ratio: 2.51 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 18.94 Passed ⁶	Ratio: 3.56 AA 18pt ²
Hex(D183AA)	Ratio: 1.31 Failed ⁵	Ratio: 2.51 Failed ⁵		Ratio: 1.57 Failed ⁵	Ratio: 7.54 Passed ⁶	Ratio: 1.42 Failed ⁵
Hex(80776F)	Ratio: 2.06 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.57 Failed ⁵		Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 9.86 Passed ⁶	Ratio: 18.94 Passed ⁶	Ratio: 7.54 Passed ⁶	Ratio: 4.79 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.86 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.11 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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