

Converting Colors - WCAG Matrix

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

Hex(DA8A77) Hex(FFE2DB) Hex(DA77C8) Hex(806E6A) Hex(000000) Hex(808080)

	Hex(DA8A77)	Hex(FFE2DB)	Hex(DA77C8)	Hex(806E6A)	Hex(000000)	Hex(808080)
Hex(DA8A77)		Ratio: 2.18 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 7.88 Passed ⁶	Ratio: 1.48 Failed ⁵
Hex(FFE2DB)	Ratio: 2.18 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 17.15 Passed ⁶	Ratio: 3.23 AA 18pt ²
Hex(DA77C8)	Ratio: 1.06 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 7.45 Passed ⁶	Ratio: 1.40 Failed ⁵
Hex(806E6A)	Ratio: 1.81 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.71 Failed ⁵		Ratio: 4.36 AA 18pt ²	Ratio: 1.22 Failed ⁵
Hex(000000)	Ratio: 7.88 Passed ⁶	Ratio: 17.15 Passed ⁶	Ratio: 7.45 Passed ⁶	Ratio: 4.36 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.48 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.22 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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