

Converting Colors - WCAG Matrix

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

Hex(D78064) Hex(FFE0D6) Hex(D764BC) Hex(806D67) Hex(000000) Hex(808080)

	Hex(D78064)	Hex(FFE0D6)	Hex(D764BC)	Hex(806D67)	Hex(000000)	Hex(808080)
Hex(D78064)		Ratio: 2.36 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 7.16 Passed ⁶	Ratio: 1.35 Failed ⁵
Hex(FFE0D6)	Ratio: 2.36 Failed ⁵		Ratio: 2.62 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 16.89 Passed ⁶	Ratio: 3.18 AA 18pt ²
Hex(D764BC)	Ratio: 1.11 Failed ⁵	Ratio: 2.62 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵
Hex(806D67)	Ratio: 1.66 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 1.50 Failed ⁵		Ratio: 4.30 AA 18pt ²	Ratio: 1.24 Failed ⁵
Hex(000000)	Ratio: 7.16 Passed ⁶	Ratio: 16.89 Passed ⁶	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.35 Failed ⁵	Ratio: 3.18 AA 18pt ²	Ratio: 1.21 Failed ⁵	Ratio: 1.24 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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