

Converting Colors - WCAG Matrix

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

Hex(C28A73) Hex(FCE8DE) Hex(C273AB) Hex(80736E) Hex(000000) Hex(808080)

	Hex(C28A73)	Hex(FCE8DE)	Hex(C273AB)	Hex(80736E)	Hex(000000)	Hex(808080)
Hex(C28A73)		Ratio: 2.47 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 7.18 Passed ⁶	Ratio: 1.35 Failed ⁵
Hex(FCE8DE)	Ratio: 2.47 Failed ⁵		Ratio: 2.80 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 17.74 Passed ⁶	Ratio: 3.34 AA 18pt ²
Hex(C273AB)	Ratio: 1.13 Failed ⁵	Ratio: 2.80 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 1.19 Failed ⁵
Hex(80736E)	Ratio: 1.56 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 1.38 Failed ⁵		Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 7.18 Passed ⁶	Ratio: 17.74 Passed ⁶	Ratio: 6.33 AA ¹ AAA 18pt ⁴	Ratio: 4.60 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.35 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.19 Failed ⁵	Ratio: 1.16 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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