

Converting Colors - WCAG Matrix

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

Hex(CF7A7E) Hex(FFE0E2) Hex(CA7ACF) Hex(806E6F) Hex(000000) Hex(808080)

	Hex(CF7A7E)	Hex(FFE0E2)	Hex(CA7ACF)	Hex(806E6F)	Hex(000000)	Hex(808080)
Hex(CF7A7E)		Ratio: 2.52 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵
Hex(FFE0E2)	Ratio: 2.52 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 17.01 Passed ⁶	Ratio: 3.20 AA 18pt ²
Hex(CA7ACF)	Ratio: 1.07 Failed ⁵	Ratio: 2.36 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 7.20 Passed ⁶	Ratio: 1.35 Failed ⁵
Hex(806E6F)	Ratio: 1.54 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.64 Failed ⁵		Ratio: 4.38 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(000000)	Ratio: 6.74 AA ¹ AAA 18pt ⁴	Ratio: 17.01 Passed ⁶	Ratio: 7.20 Passed ⁶	Ratio: 4.38 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.27 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 1.35 Failed ⁵	Ratio: 1.21 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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