

Converting Colors - WCAG Matrix

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

Hex(CD7E9E) Hex(FFE0ED) Hex(AC7ECD) Hex(806E75) Hex(000000) Hex(808080)

	Hex(CD7E9E)	Hex(FFE0ED)	Hex(AC7ECD)	Hex(806E75)	Hex(000000)	Hex(808080)
Hex(CD7E9E)		Ratio: 2.42 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 7.07 Passed ⁶	Ratio: 1.33 Failed ⁵
Hex(FFE0ED)	Ratio: 2.42 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 17.14 Passed ⁶	Ratio: 3.22 AA 18pt ²
Hex(AC7ECD)	Ratio: 1.07 Failed ⁵	Ratio: 2.59 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(806E75)	Ratio: 1.61 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 1.50 Failed ⁵		Ratio: 4.40 AA 18pt ²	Ratio: 1.21 Failed ⁵
Hex(000000)	Ratio: 7.07 Passed ⁶	Ratio: 17.14 Passed ⁶	Ratio: 6.62 AA ¹ AAA 18pt ⁴	Ratio: 4.40 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.33 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 1.25 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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