

Converting Colors - WCAG Matrix

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

Hex(CC8BA4) Hex(FFE6EF) Hex(B28BCC) Hex(807076) Hex(000000) Hex(808080)

	Hex(CC8BA4)	Hex(FFE6EF)	Hex(B28BCC)	Hex(807076)	Hex(000000)	Hex(808080)
Hex(CC8BA4)		Ratio: 2.29 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 7.80 Passed ⁶	Ratio: 1.47 Failed ⁵
Hex(FFE6EF)	Ratio: 2.29 Failed ⁵		Ratio: 2.39 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 17.82 Passed ⁶	Ratio: 3.35 AA 18pt ²
Hex(B28BCC)	Ratio: 1.05 Failed ⁵	Ratio: 2.39 Failed ⁵		Ratio: 1.66 Failed ⁵	Ratio: 7.46 Passed ⁶	Ratio: 1.40 Failed ⁵
Hex(807076)	Ratio: 1.73 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 1.66 Failed ⁵		Ratio: 4.50 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵
Hex(000000)	Ratio: 7.80 Passed ⁶	Ratio: 17.82 Passed ⁶	Ratio: 7.46 Passed ⁶	Ratio: 4.50 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.47 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 1.40 Failed ⁵	Ratio: 1.18 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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