

Converting Colors - WCAG Matrix

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

Hex(C47E89) Hex(FFE3E8) Hex(B97EC4) Hex(806F72) Hex(000000) Hex(808080)

	Hex(C47E89)	Hex(FFE3E8)	Hex(B97EC4)	Hex(806F72)	Hex(000000)	Hex(808080)
Hex(C47E89)		Ratio: 2.60 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 1.26 Failed ⁵
Hex(FFE3E8)	Ratio: 2.60 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 17.40 Passed ⁶	Ratio: 3.27 AA 18pt ²
Hex(B97EC4)	Ratio: 1.02 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.54 Failed ⁵	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 1.29 Failed ⁵
Hex(806F72)	Ratio: 1.51 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.54 Failed ⁵		Ratio: 4.43 AA 18pt ²	Ratio: 1.20 Failed ⁵
Hex(000000)	Ratio: 6.69 AA ¹ AAA 18pt ⁴	Ratio: 17.40 Passed ⁶	Ratio: 6.84 AA ¹ AAA 18pt ⁴	Ratio: 4.43 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.26 Failed ⁵	Ratio: 3.27 AA 18pt ²	Ratio: 1.29 Failed ⁵	Ratio: 1.20 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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