

Converting Colors - WCAG Matrix

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

Hex(CC9EAC) Hex(FFEDF3) Hex(BE9ECC) Hex(807578) Hex(000000) Hex(808080)

	Hex(CC9EAC)	Hex(FFEDF3)	Hex(BE9ECC)	Hex(807578)	Hex(000000)	Hex(808080)
Hex(CC9EAC)		Ratio: 2.06 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 9.05 Passed ⁶	Ratio: 1.70 Failed ⁵
Hex(FFEDF3)	Ratio: 2.06 Failed ⁵		Ratio: 2.08 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 18.66 Passed ⁶	Ratio: 3.51 AA 18pt ²
Hex(BE9ECC)	Ratio: 1.01 Failed ⁵	Ratio: 2.08 Failed ⁵		Ratio: 1.89 Failed ⁵	Ratio: 8.95 Passed ⁶	Ratio: 1.68 Failed ⁵
Hex(807578)	Ratio: 1.91 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 1.89 Failed ⁵		Ratio: 4.73 AA ¹ AAA 18pt ⁴	Ratio: 1.12 Failed ⁵
Hex(000000)	Ratio: 9.05 Passed ⁶	Ratio: 18.66 Passed ⁶	Ratio: 8.95 Passed ⁶	Ratio: 4.73 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.70 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 1.68 Failed ⁵	Ratio: 1.12 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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