

Converting Colors - WCAG Matrix

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

Hex(ECE6C5) Hex(FFFDF2) Hex(ECC5CB) Hex(807E78) Hex(000000) Hex(808080)

	Hex(ECE6C5)	Hex(FFFDF2)	Hex(ECC5CB)	Hex(807E78)	Hex(000000)	Hex(808080)
Hex(ECE6C5)		Ratio: 1.23 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 16.69 Passed ⁶	Ratio: 3.14 AA 18pt ²
Hex(FFFDF2)	Ratio: 1.23 Failed ⁵		Ratio: 1.53 Failed ⁵	Ratio: 3.98 AA 18pt ²	Ratio: 20.58 Passed ⁶	Ratio: 3.87 AA 18pt ²
Hex(ECC5CB)	Ratio: 1.24 Failed ⁵	Ratio: 1.53 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 13.42 Passed ⁶	Ratio: 2.52 Failed ⁵
Hex(807E78)	Ratio: 3.23 AA 18pt ²	Ratio: 3.98 AA 18pt ²	Ratio: 2.59 Failed ⁵		Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 16.69 Passed ⁶	Ratio: 20.58 Passed ⁶	Ratio: 13.42 Passed ⁶	Ratio: 5.17 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.14 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 2.52 Failed ⁵	Ratio: 1.03 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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