

Converting Colors - WCAG Matrix

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

Hex(EBFEB8) Hex(F9FFEB) Hex(FECBB8) Hex(7C8073) Hex(000000) Hex(808080)

	Hex(EBFEB8)	Hex(F9FFEB)	Hex(FECBB8)	Hex(7C8073)	Hex(000000)	Hex(808080)
Hex(EBFEB8)		Ratio: 1.06 Failed ⁵	Ratio: 1.34 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 19.40 Passed ⁶	Ratio: 3.65 AA 18pt ²
Hex(F9FFEB)	Ratio: 1.06 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.53 Passed ⁶	Ratio: 3.86 AA 18pt ²
Hex(FECBB8)	Ratio: 1.34 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 2.78 Failed ⁵	Ratio: 14.45 Passed ⁶	Ratio: 2.72 Failed ⁵
Hex(7C8073)	Ratio: 3.74 AA 18pt ²	Ratio: 3.95 AA 18pt ²	Ratio: 2.78 Failed ⁵		Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 19.40 Passed ⁶	Ratio: 20.53 Passed ⁶	Ratio: 14.45 Passed ⁶	Ratio: 5.19 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.65 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.02 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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