

Converting Colors - WCAG Matrix

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

Hex(E9F5B1) Hex(FBFFEB) Hex(F5BCB1) Hex(7D8073) Hex(000000) Hex(808080)

	Hex(E9F5B1)	Hex(FBFFEB)	Hex(F5BCB1)	Hex(7D8073)	Hex(000000)	Hex(808080)
Hex(E9F5B1)		Ratio: 1.13 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 3.49 AA 18pt ²	Ratio: 18.16 Passed ⁶	Ratio: 3.42 AA 18pt ²
Hex(FBFFEB)	Ratio: 1.13 Failed ⁵		Ratio: 1.62 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.61 Passed ⁶	Ratio: 3.88 AA 18pt ²
Hex(F5BCB1)	Ratio: 1.43 Failed ⁵	Ratio: 1.62 Failed ⁵		Ratio: 2.44 Failed ⁵	Ratio: 12.71 Passed ⁶	Ratio: 2.39 Failed ⁵
Hex(7D8073)	Ratio: 3.49 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 2.44 Failed ⁵		Ratio: 5.21 AA ¹ AAA 18pt ⁴	Ratio: 1.02 Failed ⁵
Hex(000000)	Ratio: 18.16 Passed ⁶	Ratio: 20.61 Passed ⁶	Ratio: 12.71 Passed ⁶	Ratio: 5.21 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.42 AA 18pt ²	Ratio: 3.88 AA 18pt ²	Ratio: 2.39 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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