

Converting Colors - WCAG Matrix

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

Hex(E8F5AD) Hex(FBFFE8) Hex(F5BAAD) Hex(7D7F71) Hex(000000) Hex(808080)

	Hex(E8F5AD)	Hex(FBFFE8)	Hex(F5BAAD)	Hex(7D7F71)	Hex(000000)	Hex(808080)
Hex(E8F5AD)		Ratio: 1.14 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 18.10 Passed ⁶	Ratio: 3.40 AA 18pt ²
Hex(FBFFE8)	Ratio: 1.14 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 4.00 AA 18pt ²	Ratio: 20.57 Passed ⁶	Ratio: 3.87 AA 18pt ²
Hex(F5BAAD)	Ratio: 1.45 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 12.51 Passed ⁶	Ratio: 2.35 Failed ⁵
Hex(7D7F71)	Ratio: 3.52 AA 18pt ²	Ratio: 4.00 AA 18pt ²	Ratio: 2.43 Failed ⁵		Ratio: 5.15 AA ¹ AAA 18pt ⁴	Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 18.10 Passed ⁶	Ratio: 20.57 Passed ⁶	Ratio: 12.51 Passed ⁶	Ratio: 5.15 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.40 AA 18pt ²	Ratio: 3.87 AA 18pt ²	Ratio: 2.35 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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