

Converting Colors - WCAG Matrix

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

Hex(B8E467) Hex(F1FFD6) Hex(E49367) Hex(778067) Hex(000000) Hex(808080)

	Hex(B8E467)	Hex(F1FFD6)	Hex(E49367)	Hex(778067)	Hex(000000)	Hex(808080)
Hex(B8E467)		Ratio: 1.40 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 14.33 Passed ⁶	Ratio: 2.70 Failed ⁵
Hex(F1FFD6)	Ratio: 1.40 Failed ⁵		Ratio: 2.31 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 20.02 Passed ⁶	Ratio: 3.76 AA 18pt ²
Hex(E49367)	Ratio: 1.65 Failed ⁵	Ratio: 2.31 Failed ⁵		Ratio: 1.71 Failed ⁵	Ratio: 8.67 Passed ⁶	Ratio: 1.63 Failed ⁵
Hex(778067)	Ratio: 2.83 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.71 Failed ⁵		Ratio: 5.07 AA ¹ AAA 18pt ⁴	Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 14.33 Passed ⁶	Ratio: 20.02 Passed ⁶	Ratio: 8.67 Passed ⁶	Ratio: 5.07 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.70 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 1.05 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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