

Converting Colors - WCAG Matrix

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

Hex(B4E34F) Hex(EFFFCC) Hex(E37E4F) Hex(768061) Hex(000000) Hex(808080)

	Hex(B4E34F)	Hex(EFFFCC)	Hex(E37E4F)	Hex(768061)	Hex(000000)	Hex(808080)
Hex(B4E34F)		Ratio: 1.41 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.79 Failed ⁵	Ratio: 14.04 Passed ⁶	Ratio: 2.64 Failed ⁵
Hex(EFFFCC)	Ratio: 1.41 Failed ⁵		Ratio: 2.70 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 19.85 Passed ⁶	Ratio: 3.73 AA 18pt ²
Hex(E37E4F)	Ratio: 1.91 Failed ⁵	Ratio: 2.70 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 7.36 Passed ⁶	Ratio: 1.38 Failed ⁵
Hex(768061)	Ratio: 2.79 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 1.46 Failed ⁵		Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 1.06 Failed ⁵
Hex(000000)	Ratio: 14.04 Passed ⁶	Ratio: 19.85 Passed ⁶	Ratio: 7.36 Passed ⁶	Ratio: 5.03 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.64 Failed ⁵	Ratio: 3.73 AA 18pt ²	Ratio: 1.38 Failed ⁵	Ratio: 1.06 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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