

Converting Colors - WCAG Matrix

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

Hex(00E6AC) Hex(ABFFEA) Hex(39E600) Hex(4D8073) Hex(000000) Hex(808080)

	Hex(00E6AC)	Hex(ABFFEA)	Hex(39E600)	Hex(4D8073)	Hex(000000)	Hex(808080)
Hex(00E6AC)		Ratio: 1.41 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.78 Failed ⁵	Ratio: 12.91 Passed ⁶	Ratio: 2.43 Failed ⁵
Hex(ABFFEA)	Ratio: 1.41 Failed ⁵		Ratio: 1.46 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 18.22 Passed ⁶	Ratio: 3.43 AA 18pt ²
Hex(39E600)	Ratio: 1.03 Failed ⁵	Ratio: 1.46 Failed ⁵		Ratio: 2.69 Failed ⁵	Ratio: 12.49 Passed ⁶	Ratio: 2.35 Failed ⁵
Hex(4D8073)	Ratio: 2.78 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.69 Failed ⁵		Ratio: 4.65 AA ¹ AAA 18pt ⁴	Ratio: 1.14 Failed ⁵
Hex(000000)	Ratio: 12.91 Passed ⁶	Ratio: 18.22 Passed ⁶	Ratio: 12.49 Passed ⁶	Ratio: 4.65 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.43 Failed ⁵	Ratio: 3.43 AA 18pt ²	Ratio: 2.35 Failed ⁵	Ratio: 1.14 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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