

Converting Colors - WCAG Matrix

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

Hex(10C73E) Hex(B8FFCA) Hex(99C710) Hex(54805F) Hex(000000) Hex(808080)

	Hex(10C73E)	Hex(B8FFCA)	Hex(99C710)	Hex(54805F)	Hex(000000)	Hex(808080)
Hex(10C73E)		Ratio: 1.96 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 9.26 Passed ⁶	Ratio: 1.74 Failed ⁵
Hex(B8FFCA)	Ratio: 1.96 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.20 Passed ⁶	Ratio: 3.42 AA 18pt ²
Hex(99C710)	Ratio: 1.14 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.27 Failed ⁵	Ratio: 10.53 Passed ⁶	Ratio: 1.98 Failed ⁵
Hex(54805F)	Ratio: 2.00 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.27 Failed ⁵		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(000000)	Ratio: 9.26 Passed ⁶	Ratio: 18.20 Passed ⁶	Ratio: 10.53 Passed ⁶	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.74 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 1.15 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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