

Converting Colors - WCAG Matrix

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

Hex(00C900) Hex(B3FFB3) Hex(C9C900) Hex(528052) Hex(000000) Hex(808080)

	Hex(00C900)	Hex(B3FFB3)	Hex(C9C900)	Hex(528052)	Hex(000000)	Hex(808080)
Hex(00C900)		Ratio: 1.91 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 9.35 Passed ⁶	Ratio: 1.76 Failed ⁵
Hex(B3FFB3)	Ratio: 1.91 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 17.87 Passed ⁶	Ratio: 3.36 AA 18pt ²
Hex(C9C900)	Ratio: 1.27 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 11.84 Passed ⁶	Ratio: 2.23 Failed ⁵
Hex(528052)	Ratio: 2.05 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 2.59 Failed ⁵		Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 1.16 Failed ⁵
Hex(000000)	Ratio: 9.35 Passed ⁶	Ratio: 17.87 Passed ⁶	Ratio: 11.84 Passed ⁶	Ratio: 4.57 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.76 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.16 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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