

Converting Colors - WCAG Matrix

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

Hex(00C432) Hex(B3FFC6) Hex(93C400) Hex(52805D) Hex(FFFFFF) Hex(808080)

	Hex(00C432)	Hex(B3FFC6)	Hex(93C400)	Hex(52805D)	Hex(FFFFFF)	Hex(808080)
Hex(00C432)		Ratio: 2.02 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.35 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(B3FFC6)	Ratio: 2.02 Failed ⁵		Ratio: 1.78 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 1.16 Failed ⁵	Ratio: 3.39 AA 18pt ²
Hex(93C400)	Ratio: 1.13 Failed ⁵	Ratio: 1.78 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(52805D)	Ratio: 1.94 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 2.20 Failed ⁵		Ratio: 4.56 AA ¹ AAA 18pt ⁴	Ratio: 1.15 Failed ⁵
Hex(FFFFFF)	Ratio: 2.35 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 4.56 AA ¹ AAA 18pt ⁴		Ratio: 3.95 AA 18pt ²
Hex(808080)	Ratio: 1.68 Failed ⁵	Ratio: 3.39 AA 18pt ²	Ratio: 1.91 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.95 AA 18pt ²	

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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