

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(00B500)	Hex(FFFFFF)	Hex(63EE4C)	Hex(83FF68)	Hex(A2FF84)	Hex(C0FFA1)	Hex(DFFFBD)	Hex(FEFFDA)	Hex(FFFFF8)
Hex(00B500)		Ratio: 2.76 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.26 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 2.52 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(FFFFFF)	Ratio: 2.76 Failed ⁵		Ratio: 1.51 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(63EE4C)	Ratio: 1.82 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.51 Failed ⁵
Hex(83FF68)	Ratio: 2.16 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(A2FF84)	Ratio: 2.26 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(C0FFA1)	Ratio: 2.37 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(DFFFBD)	Ratio: 2.52 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(FEFFDA)	Ratio: 2.70 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF8)	Ratio: 2.75 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.02 Failed ⁵	

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.