

Converting Colors - WCAG Matrix

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

	Hex(8F9900)	Hex(FFFFFF)	Hex(C8CF48)	Hex(E6EB64)	Hex(FFFF7F)	Hex(FFFF9B)	Hex(FFFB7)	Hex(FFFD4)	Hex(FFFFF1)
Hex(8F9900)		Ratio: 3.12 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 3.10 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.12 AA 18pt ²		Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(C8CF48)	Ratio: 1.86 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(E6EB64)	Ratio: 2.44 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(FFFF7F)	Ratio: 2.95 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FFFF9B)	Ratio: 2.98 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(FFFB7)	Ratio: 3.01 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFD4)	Ratio: 3.05 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 1.64 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵
Hex(FFFFF1)	Ratio: 3.10 AA 18pt ²	Ratio: 1.01 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 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.

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