

Converting Colors - WCAG Matrix

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

	Hex(004E12)	Hex(FFFFFFA)	Hex(3E8040)	Hex(599A58)	Hex(73B671)	Hex(8ED18B)	Hex(A9EEA6)	Hex(C5FFC1)	Hex(E2FFDD)
Hex(004E12)		Ratio: 9.98 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 7.37 Passed ⁶	Ratio: 8.79 Passed ⁶	Ratio: 9.33 Passed ⁶
Hex(FFFFFFA)	Ratio: 9.98 Passed ⁶		Ratio: 4.79 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.07 Failed ⁵
Hex(3E8040)	Ratio: 2.08 Failed ⁵	Ratio: 4.79 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 4.22 AA 18pt ²	Ratio: 4.48 AA 18pt ²
Hex(599A58)	Ratio: 2.95 Failed ⁵	Ratio: 3.38 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(73B671)	Ratio: 4.13 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 2.26 Failed ⁵
Hex(8ED18B)	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 1.80 Failed ⁵	Ratio: 2.67 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.68 Failed ⁵
Hex(A9EEA6)	Ratio: 7.37 Passed ⁶	Ratio: 1.35 Failed ⁵	Ratio: 3.54 AA 18pt ²	Ratio: 2.50 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(C5FFC1)	Ratio: 8.79 Passed ⁶	Ratio: 1.13 Failed ⁵	Ratio: 4.22 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.13 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(E2FFDD)	Ratio: 9.33 Passed ⁶	Ratio: 1.07 Failed ⁵	Ratio: 4.48 AA 18pt ²	Ratio: 3.16 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.06 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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