

Converting Colors - WCAG Matrix

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

Hex(C0D1C0) Hex(E6FFE6) Hex(C0D1C9) Hex(5E695E) Hex(00A800) Hex(002900)

	Hex(C0D1C0)	Hex(E6FFE6)	Hex(C0D1C9)	Hex(5E695E)	Hex(00A800)	Hex(002900)
Hex(C0D1C0)		Ratio: 1.51 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.59 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 9.96 Passed ⁶
Hex(E6FFE6)	Ratio: 1.51 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 3.00 AA 18pt ²	Ratio: 15.04 Passed ⁶
Hex(C0D1C9)	Ratio: 1.01 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 3.61 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 10.02 Passed ⁶
Hex(5E695E)	Ratio: 3.59 AA 18pt ²	Ratio: 5.42 AA ¹ AAA 18pt ⁴	Ratio: 3.61 AA 18pt ²		Ratio: 1.80 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(00A800)	Ratio: 1.99 Failed ⁵	Ratio: 3.00 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 1.80 Failed ⁵		Ratio: 5.01 AA ¹ AAA 18pt ⁴
Hex(002900)	Ratio: 9.96 Passed ⁶	Ratio: 15.04 Passed ⁶	Ratio: 10.02 Passed ⁶	Ratio: 2.78 Failed ⁵	Ratio: 5.01 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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