

Converting Colors - WCAG Matrix

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

	Hex(005C00)	Hex(FFFD9)	Hex(3C9019)	Hex(59AB36)	Hex(75C650)	Hex(91E36A)	Hex(ADFF85)	Hex(CAFFA0)	Hex(E7FFBC)
Hex(005C00)		Ratio: 8.12 Passed ⁶	Ratio: 2.05 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 7.24 Passed ⁶	Ratio: 7.68 Passed ⁶
Hex(FFFD9)	Ratio: 8.12 Passed ⁶		Ratio: 3.96 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(3C9019)	Ratio: 2.05 Failed ⁵	Ratio: 3.96 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 3.53 AA 18pt ²	Ratio: 3.74 AA 18pt ²
Hex(59AB36)	Ratio: 2.89 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(75C650)	Ratio: 3.93 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 1.92 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.95 Failed ⁵
Hex(91E36A)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 1.53 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(ADFF85)	Ratio: 6.88 AA ¹ AAA 18pt ⁴	Ratio: 1.18 Failed ⁵	Ratio: 3.35 AA 18pt ²	Ratio: 2.39 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.12 Failed ⁵
Hex(CAFFA0)	Ratio: 7.24 Passed ⁶	Ratio: 1.12 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(E7FFBC)	Ratio: 7.68 Passed ⁶	Ratio: 1.06 Failed ⁵	Ratio: 3.74 AA 18pt ²	Ratio: 2.66 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.12 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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