

Converting Colors - WCAG Matrix

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

Hex(5CB950) Hex(3F9E36) Hex(1D831C) Hex(006900) Hex(005000) Hex(003800) Hex(002200) Hex(000000)

	Hex(5CB950)	Hex(3F9E36)	Hex(1D831C)	Hex(006900)	Hex(005000)	Hex(003800)	Hex(002200)	Hex(000000)
Hex(5CB950)		Ratio: 1.38 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 8.51 Passed ⁶
Hex(3F9E36)	Ratio: 1.38 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 6.16 AA ¹ AAA 18pt ⁴
Hex(1D831C)	Ratio: 1.97 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.32 AA 18pt ²
Hex(006900)	Ratio: 2.82 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(005000)	Ratio: 3.96 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(003800)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.76 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.57 Failed ⁵
Hex(002200)	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²	Ratio: 2.46 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(000000)	Ratio: 8.51 Passed ⁶	Ratio: 6.16 AA ¹ AAA 18pt ⁴	Ratio: 4.32 AA 18pt ²	Ratio: 3.02 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.23 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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