

Converting Colors - WCAG Matrix

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

Hex(359E2E) Hex(2BCF1F) Hex(2E9E5E) Hex(484F47) Hex(0A8F00) Hex(010F00)

	Hex(359E2E)	Hex(2BCF1F)	Hex(2E9E5E)	Hex(484F47)	Hex(0A8F00)	Hex(010F00)
Hex(359E2E)		Ratio: 1.65 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 5.69 AA ¹ AAA 18pt ⁴
Hex(2BCF1F)	Ratio: 1.65 Failed ⁵		Ratio: 1.63 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 2.03 Failed ⁵	Ratio: 9.39 Passed ⁶
Hex(2E9E5E)	Ratio: 1.01 Failed ⁵	Ratio: 1.63 Failed ⁵		Ratio: 2.48 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 5.77 AA ¹ AAA 18pt ⁴
Hex(484F47)	Ratio: 2.45 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 2.48 Failed ⁵		Ratio: 1.99 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(0A8F00)	Ratio: 1.23 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.99 Failed ⁵		Ratio: 4.62 AA ¹ AAA 18pt ⁴
Hex(010F00)	Ratio: 5.69 AA ¹ AAA 18pt ⁴	Ratio: 9.39 Passed ⁶	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 4.62 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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