

Converting Colors - WCAG Matrix

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

Hex(5BB929) Hex(5FF011) Hex(29B93F) Hex(565C53) Hex(369C00) Hex(0A1C00)

Hex(5BB929)		Ratio: 1.66 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.76 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 7.14 Passed ⁶
Hex(5FF011)	Ratio: 1.66 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 2.36 Failed ⁵	Ratio: 11.84 Passed ⁶
Hex(29B93F)	Ratio: 1.04 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.66 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 6.87 AA ¹ AAA 18pt ⁴
Hex(565C53)	Ratio: 2.76 Failed ⁵	Ratio: 4.57 AA ¹ AAA 18pt ⁴	Ratio: 2.66 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 2.59 Failed ⁵
Hex(369C00)	Ratio: 1.42 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 5.01 AA ¹ AAA 18pt ⁴
Hex(0A1C00)	Ratio: 7.14 Passed ⁶	Ratio: 11.84 Passed ⁶	Ratio: 6.87 AA ¹ AAA 18pt ⁴	Ratio: 2.59 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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