

Converting Colors - WCAG Matrix

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

Hex(5F7A20) Hex(749E11) Hex(337A20) Hex(3B3D37) Hex(587D00) Hex(B1FC00)

	Hex(5F7A20)	Hex(749E11)	Hex(337A20)	Hex(3B3D37)	Hex(587D00)	Hex(B1FC00)
Hex(5F7A20)		Ratio: 1.55 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.91 AA 18pt ²
Hex(749E11)	Ratio: 1.55 Failed ⁵		Ratio: 1.68 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 1.53 Failed ⁵	Ratio: 2.53 Failed ⁵
Hex(337A20)	Ratio: 1.09 Failed ⁵	Ratio: 1.68 Failed ⁵		Ratio: 2.07 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.26 AA 18pt ²
Hex(3B3D37)	Ratio: 2.25 Failed ⁵	Ratio: 3.48 AA 18pt ²	Ratio: 2.07 Failed ⁵		Ratio: 2.28 Failed ⁵	Ratio: 8.80 Passed ⁶
Hex(587D00)	Ratio: 1.01 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 3.86 AA 18pt ²
Hex(B1FC00)	Ratio: 3.91 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 4.26 AA 18pt ²	Ratio: 8.80 Passed ⁶	Ratio: 3.86 AA 18pt ²	

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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