

Converting Colors - WCAG Matrix

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

Hex(85C800) Hex(A9FF00) Hex(21C800) Hex(60635A) Hex(6CA300) Hex(182400)

	Hex(85C800)	Hex(A9FF00)	Hex(21C800)	Hex(60635A)	Hex(6CA300)	Hex(182400)
Hex(85C800)		Ratio: 1.66 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 7.95 Passed ⁶
Hex(A9FF00)	Ratio: 1.66 Failed ⁵		Ratio: 1.82 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 2.47 Failed ⁵	Ratio: 13.16 Passed ⁶
Hex(21C800)	Ratio: 1.10 Failed ⁵	Ratio: 1.82 Failed ⁵		Ratio: 2.72 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 7.22 Passed ⁶
Hex(60635A)	Ratio: 2.99 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	Ratio: 2.72 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.66 Failed ⁵
Hex(6CA300)	Ratio: 1.49 Failed ⁵	Ratio: 2.47 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 5.33 AA ¹ AAA 18pt ⁴
Hex(182400)	Ratio: 7.95 Passed ⁶	Ratio: 13.16 Passed ⁶	Ratio: 7.22 Passed ⁶	Ratio: 2.66 Failed ⁵	Ratio: 5.33 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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