

Converting Colors - WCAG Matrix

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

Hex(7FC57B) Hex(92FF8C) Hex(7BC59B) Hex(5A635A) Hex(09A300) Hex(022400)

	Hex(7FC57B)	Hex(92FF8C)	Hex(7BC59B)	Hex(5A635A)	Hex(09A300)	Hex(022400)
Hex(7FC57B)		Ratio: 1.66 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 1.63 Failed ⁵	Ratio: 8.11 Passed ⁶
Hex(92FF8C)	Ratio: 1.66 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 2.70 Failed ⁵	Ratio: 13.47 Passed ⁶
Hex(7BC59B)	Ratio: 1.01 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 3.06 AA 18pt ²	Ratio: 1.65 Failed ⁵	Ratio: 8.21 Passed ⁶
Hex(5A635A)	Ratio: 3.02 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.06 AA 18pt ²		Ratio: 1.86 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(09A300)	Ratio: 1.63 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 4.98 AA ¹ AAA 18pt ⁴
Hex(022400)	Ratio: 8.11 Passed ⁶	Ratio: 13.47 Passed ⁶	Ratio: 8.21 Passed ⁶	Ratio: 2.68 Failed ⁵	Ratio: 4.98 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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