

Converting Colors - WCAG Matrix

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

Hex(9DAE83) Hex(C8E39F) Hex(88AE83) Hex(53574E) Hex(5B9600) Hex(0E1700)

	Hex(9DAE83)	Hex(C8E39F)	Hex(88AE83)	Hex(53574E)	Hex(5B9600)	Hex(0E1700)
Hex(9DAE83)		Ratio: 1.70 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 3.10 AA 18pt ²	Ratio: 1.52 Failed ⁵	Ratio: 7.73 Passed ⁶
Hex(C8E39F)	Ratio: 1.70 Failed ⁵		Ratio: 1.77 Failed ⁵	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 2.57 Failed ⁵	Ratio: 13.10 Passed ⁶
Hex(88AE83)	Ratio: 1.05 Failed ⁵	Ratio: 1.77 Failed ⁵		Ratio: 2.97 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 7.39 Passed ⁶
Hex(53574E)	Ratio: 3.10 AA 18pt ²	Ratio: 5.26 AA ¹ AAA 18pt ⁴	Ratio: 2.97 Failed ⁵		Ratio: 2.04 Failed ⁵	Ratio: 2.49 Failed ⁵
Hex(5B9600)	Ratio: 1.52 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 2.04 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(0E1700)	Ratio: 7.73 Passed ⁶	Ratio: 13.10 Passed ⁶	Ratio: 7.39 Passed ⁶	Ratio: 2.49 Failed ⁵	Ratio: 5.09 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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