

Converting Colors - WCAG Matrix

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

Hex(BDBD7B) Hex(F5F58E) Hex(9CBD7B) Hex(5E5E55) Hex(9E9E00) Hex(1F1F00)

	Hex(BDBD7B)	Hex(F5F58E)	Hex(9CBD7B)	Hex(5E5E55)	Hex(9E9E00)	Hex(1F1F00)
Hex(BDBD7B)		Ratio: 1.71 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 1.46 Failed ⁵	Ratio: 8.55 Passed ⁶
Hex(F5F58E)	Ratio: 1.71 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 14.62 Passed ⁶
Hex(9CBD7B)	Ratio: 1.08 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 3.11 AA 18pt ²	Ratio: 1.36 Failed ⁵	Ratio: 7.96 Passed ⁶
Hex(5E5E55)	Ratio: 3.34 AA 18pt ²	Ratio: 5.71 AA ¹ AAA 18pt ⁴	Ratio: 3.11 AA 18pt ²		Ratio: 2.29 Failed ⁵	Ratio: 2.56 Failed ⁵
Hex(9E9E00)	Ratio: 1.46 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 2.29 Failed ⁵		Ratio: 5.86 AA ¹ AAA 18pt ⁴
Hex(1F1F00)	Ratio: 8.55 Passed ⁶	Ratio: 14.62 Passed ⁶	Ratio: 7.96 Passed ⁶	Ratio: 2.56 Failed ⁵	Ratio: 5.86 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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