

Converting Colors - WCAG Matrix

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

Hex(BEBDA7) Hex(F7F6D5) Hex(B3BEA7) Hex(5E5E55) Hex(9E9800) Hex(1F1D00)

	Hex(BEBDA7)	Hex(F7F6D5)	Hex(B3BEA7)	Hex(5E5E55)	Hex(9E9800)	Hex(1F1D00)
Hex(BEBDA7)		Ratio: 1.73 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 8.94 Passed ⁶
Hex(F7F6D5)	Ratio: 1.73 Failed ⁵		Ratio: 1.76 Failed ⁵	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 2.75 Failed ⁵	Ratio: 15.48 Passed ⁶
Hex(B3BEA7)	Ratio: 1.02 Failed ⁵	Ratio: 1.76 Failed ⁵		Ratio: 3.38 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 8.78 Passed ⁶
Hex(5E5E55)	Ratio: 3.44 AA 18pt ²	Ratio: 5.95 AA ¹ AAA 18pt ⁴	Ratio: 3.38 AA 18pt ²		Ratio: 2.16 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(9E9800)	Ratio: 1.59 Failed ⁵	Ratio: 2.75 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 2.16 Failed ⁵		Ratio: 5.63 AA ¹ AAA 18pt ⁴
Hex(1F1D00)	Ratio: 8.94 Passed ⁶	Ratio: 15.48 Passed ⁶	Ratio: 8.78 Passed ⁶	Ratio: 2.60 Failed ⁵	Ratio: 5.63 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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