

Converting Colors - WCAG Matrix

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

Hex(F1EDB5) Hex(FFFAB3) Hex(D7F1B5) Hex(78776C) Hex(B8AB00) Hex(383400)

	Hex(F1EDB5)	Hex(FFFAB3)	Hex(D7F1B5)	Hex(78776C)	Hex(B8AB00)	Hex(383400)
Hex(F1EDB5)		Ratio: 1.12 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 10.56 Passed ⁶
Hex(FFFAB3)	Ratio: 1.12 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 4.21 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 11.80 Passed ⁶
Hex(D7F1B5)	Ratio: 1.02 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.68 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 10.33 Passed ⁶
Hex(78776C)	Ratio: 3.76 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 3.68 AA 18pt ²		Ratio: 1.90 Failed ⁵	Ratio: 2.80 Failed ⁵
Hex(B8AB00)	Ratio: 1.98 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.90 Failed ⁵		Ratio: 5.34 AA ¹ AAA 18pt ⁴
Hex(383400)	Ratio: 10.56 Passed ⁶	Ratio: 11.80 Passed ⁶	Ratio: 10.33 Passed ⁶	Ratio: 2.80 Failed ⁵	Ratio: 5.34 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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