

Converting Colors - WCAG Matrix

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

Hex(FCFCE6) Hex(FFFFE3) Hex(F1FCE6) Hex(7D7D70) Hex(BDBD00) Hex(3D3D00)

	Hex(FCFCE6)	Hex(FFFFE3)	Hex(F1FCE6)	Hex(7D7D70)	Hex(BDBD00)	Hex(3D3D00)
Hex(FCFCE6)		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 1.93 Failed ⁵	Ratio: 10.83 Passed ⁶
Hex(FFFFE3)	Ratio: 1.02 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 11.07 Passed ⁶
Hex(F1FCE6)	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.93 AA 18pt ²	Ratio: 1.90 Failed ⁵	Ratio: 10.61 Passed ⁶
Hex(7D7D70)	Ratio: 4.01 AA 18pt ²	Ratio: 4.10 AA 18pt ²	Ratio: 3.93 AA 18pt ²		Ratio: 2.07 Failed ⁵	Ratio: 2.70 Failed ⁵
Hex(BDBD00)	Ratio: 1.93 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.07 Failed ⁵		Ratio: 5.60 AA ¹ AAA 18pt ⁴
Hex(3D3D00)	Ratio: 10.83 Passed ⁶	Ratio: 11.07 Passed ⁶	Ratio: 10.61 Passed ⁶	Ratio: 2.70 Failed ⁵	Ratio: 5.60 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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