

Converting Colors - WCAG Matrix

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

Hex(FFE3A9) Hex(FFDE99) Hex(F1FFA9) Hex(807B73) Hex(BF8000) Hex(402B00)

	Hex(FFE3A9)	Hex(FFDE99)	Hex(F1FFA9)	Hex(807B73)	Hex(BF8000)	Hex(402B00)
Hex(FFE3A9)		Ratio: 1.04 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 10.75 Passed ⁶
Hex(FFDE99)	Ratio: 1.04 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 3.23 AA 18pt ²	Ratio: 2.56 Failed ⁵	Ratio: 10.34 Passed ⁶
Hex(F1FFA9)	Ratio: 1.17 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 3.92 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 12.55 Passed ⁶
Hex(807B73)	Ratio: 3.36 AA 18pt ²	Ratio: 3.23 AA 18pt ²	Ratio: 3.92 AA 18pt ²		Ratio: 1.26 Failed ⁵	Ratio: 3.20 AA 18pt ²
Hex(BF8000)	Ratio: 2.67 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 1.26 Failed ⁵		Ratio: 4.03 AA 18pt ²
Hex(402B00)	Ratio: 10.75 Passed ⁶	Ratio: 10.34 Passed ⁶	Ratio: 12.55 Passed ⁶	Ratio: 3.20 AA 18pt ²	Ratio: 4.03 AA 18pt ²	

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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