

Converting Colors - WCAG Matrix

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

	Hex(5D4A00)	Hex(FFFFEE)	Hex(937A34)	Hex(AF944C)	Hex(CBAF65)	Hex(E8CA7F)	Hex(FFE69A)	Hex(FFFFB5)	Hex(FFFFD1)
Hex(5D4A00)		Ratio: 8.50 Passed ⁶	Ratio: 2.08 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 8.27 Passed ⁶	Ratio: 8.37 Passed ⁶
Hex(FFFFEE)	Ratio: 8.50 Passed ⁶		Ratio: 4.10 AA 18pt ²	Ratio: 2.90 Failed ⁵	Ratio: 2.11 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(937A34)	Ratio: 2.08 Failed ⁵	Ratio: 4.10 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 4.04 AA 18pt ²
Hex(AF944C)	Ratio: 2.93 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 2.86 Failed ⁵
Hex(CBAF65)	Ratio: 4.03 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(E8CA7F)	Ratio: 5.39 AA ¹ AAA 18pt ⁴	Ratio: 1.58 Failed ⁵	Ratio: 2.60 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.55 Failed ⁵
Hex(FFE69A)	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.19 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(FFFFB5)	Ratio: 8.27 Passed ⁶	Ratio: 1.03 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.19 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFD1)	Ratio: 8.37 Passed ⁶	Ratio: 1.02 Failed ⁵	Ratio: 4.04 AA 18pt ²	Ratio: 2.86 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵	

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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