

Converting Colors - WCAG Matrix

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

	Hex(BF5B00)	Hex(FFFFFFE)	Hex(FE8F3E)	Hex(FFAA58)	Hex(FFC672)	Hex(FFE28D)	Hex(FFFA8)	Hex(FFFC4)	Hex(FFFEE0)
Hex(BF5B00)		Ratio: 4.45 AA 18pt ²	Ratio: 1.96 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 4.27 AA 18pt ²	Ratio: 4.32 AA 18pt ²	Ratio: 4.38 AA 18pt ²
Hex(FFFFFFE)	Ratio: 4.45 AA 18pt ²		Ratio: 2.28 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FE8F3E)	Ratio: 1.96 Failed ⁵	Ratio: 2.28 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(FFAA58)	Ratio: 2.36 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(FFC672)	Ratio: 2.88 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.52 Failed ⁵
Hex(FFE28D)	Ratio: 3.51 AA 18pt ²	Ratio: 1.27 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.25 Failed ⁵
Hex(FFFA8)	Ratio: 4.27 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFC4)	Ratio: 4.32 AA 18pt ²	Ratio: 1.03 Failed ⁵	Ratio: 2.21 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFEE0)	Ratio: 4.38 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.03 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

Failed 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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