

Converting Colors - WCAG Matrix

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

	Hex(FC6F24)	Hex(FFFFFF)	Hex(FFA659)	Hex(FFC273)	Hex(FFDF8E)	Hex(FFFC A9)	Hex(FFFFC5)	Hex(FFFFE2)
Hex(FC6F24)		Ratio: 2.82 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 2.74 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(FFFFFF)	Ratio: 2.82 Failed ⁵		Ratio: 1.94 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFA659)	Ratio: 1.46 Failed ⁵	Ratio: 1.94 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.90 Failed ⁵
Hex(FFC273)	Ratio: 1.78 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(FFDF8E)	Ratio: 2.18 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(FFFC A9)	Ratio: 2.66 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.03 Failed ⁵	Ratio: 1.05 Failed ⁵
Hex(FFFFC5)	Ratio: 2.74 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.54 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.03 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFE2)	Ratio: 2.78 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 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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