

Converting Colors - WCAG Matrix

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

	Hex(DC6B25)	Hex(FC853F)	Hex(FFA058)	Hex(FFBC72)	Hex(FFD88D)	Hex(FFF5A8)	Hex(FFFFC4)	Hex(FFFFE0)	Hex(FFFFFD)	Hex(FFFFFF)
Hex(DC6B25)		Ratio: 1.39 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 3.34 AA 18pt ²	Ratio: 3.40 AA 18pt ²	Ratio: 3.40 AA 18pt ²
Hex(FC853F)	Ratio: 1.39 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.38 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.45 Failed ⁵
Hex(FFA058)	Ratio: 1.69 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 2.02 Failed ⁵
Hex(FFBC72)	Ratio: 2.06 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(FFD88D)	Ratio: 2.50 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(FFF5A8)	Ratio: 3.06 AA 18pt ²	Ratio: 2.20 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(FFFFC4)	Ratio: 3.30 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFE0)	Ratio: 3.34 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFFFFD)	Ratio: 3.40 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 2.01 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFFFFF)	Ratio: 3.40 AA 18pt ²	Ratio: 2.45 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 1.00 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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