

Converting Colors - WCAG Matrix

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

	Hex(DC793B)	Hex(FB9354)	Hex(FFAE6D)	Hex(FFCA87)	Hex(FFE7A2)	Hex(FFFFBE)	Hex(FFFFDA)	Hex(FFFFF7)	Hex(FFFFFF)
Hex(DC793B)		Ratio: 1.37 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.01 AA 18pt ²	Ratio: 3.05 AA 18pt ²	Ratio: 3.07 AA 18pt ²
Hex(FB9354)	Ratio: 1.37 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.23 Failed ⁵
Hex(FFAE6D)	Ratio: 1.68 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.82 Failed ⁵
Hex(FFCA87)	Ratio: 2.05 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FFE7A2)	Ratio: 2.51 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(FFFFBE)	Ratio: 2.97 Failed ⁵	Ratio: 2.16 Failed ⁵	Ratio: 1.76 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.03 Failed ⁵
Hex(FFFFDA)	Ratio: 3.01 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FFFFF7)	Ratio: 3.05 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 1.02 Failed ⁵		Ratio: 1.00 Failed ⁵
Hex(FFFFFF)	Ratio: 3.07 AA 18pt ²	Ratio: 2.23 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 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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