

Converting Colors - WCAG Matrix

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

	Hex(F7F0ED)	Hex(F7DED4)	Hex(F7CCBD)	Hex(F7B8A3)	Hex(F7A68A)	Hex(F79470)	Hex(F78059)	Hex(F76E40)	Hex(F75C26)	Hex(F74A0F)
Hex(F7F0ED)		Ratio: 1.14 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.73 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.57 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 3.14 AA 18pt ²
Hex(F7DED4)	Ratio: 1.14 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.75 Failed ⁵
Hex(F7CCBD)	Ratio: 1.30 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 2.41 Failed ⁵
Hex(F7B8A3)	Ratio: 1.51 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(F7A68A)	Ratio: 1.73 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.81 Failed ⁵
Hex(F79470)	Ratio: 1.98 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.52 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.59 Failed ⁵
Hex(F78059)	Ratio: 2.28 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(F76E40)	Ratio: 2.57 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(F75C26)	Ratio: 2.86 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.10 Failed ⁵
Hex(F74A0F)	Ratio: 3.14 AA 18pt ²	Ratio: 2.75 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.10 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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