

Converting Colors - WCAG Matrix

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

	Hex(F7F7F7)	Hex(F7E1DE)	Hex(F7CCC6)	Hex(F7B6AD)	Hex(F7A194)	Hex(F78B7B)	Hex(F77563)	Hex(F7604A)	Hex(F74A31)	Hex(F73519)
Hex(F7F7F7)		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.55 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 3.58 AA 18pt ²
Hex(F7E1DE)	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(F7CCC6)	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.63 Failed ⁵
Hex(F7B6AD)	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.24 Failed ⁵
Hex(F7A194)	Ratio: 1.87 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.17 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(F78B7B)	Ratio: 2.19 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.17 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(F77563)	Ratio: 2.55 Failed ⁵	Ratio: 2.18 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(F7604A)	Ratio: 2.91 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.82 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.23 Failed ⁵
Hex(F74A31)	Ratio: 3.28 AA 18pt ²	Ratio: 2.81 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(F73519)	Ratio: 3.58 AA 18pt ²	Ratio: 3.06 AA 18pt ²	Ratio: 2.63 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.09 Failed ⁵	

Details can be found at <https://www.w3.org/TR/WCAG20/>.

¹ AA

AAA 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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