

Converting Colors - WCAG Matrix

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

Hex(970116) Hex(FFD2BE) Hex(D54941) Hex(F46559) Hex(FF8072) Hex(FF9C8B) Hex(FFB8A6)

	Hex(970116)	Hex(FFD2BE)	Hex(D54941)	Hex(F46559)	Hex(FF8072)	Hex(FF9C8B)	Hex(FFB8A6)
Hex(970116)		Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 2.08 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 4.45 AA 18pt ²	Ratio: 5.43 AA ¹ AAA 18pt ⁴
Hex(FFD2BE)	Ratio: 6.52 AA ¹ AAA 18pt ⁴		Ratio: 3.13 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.20 Failed ⁵
Hex(D54941)	Ratio: 2.08 Failed ⁵	Ratio: 3.13 AA 18pt ²		Ratio: 1.41 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.61 Failed ⁵
Hex(F46559)	Ratio: 2.94 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.85 Failed ⁵
Hex(FF8072)	Ratio: 3.68 AA 18pt ²	Ratio: 1.77 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(FF9C8B)	Ratio: 4.45 AA 18pt ²	Ratio: 1.47 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.51 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.22 Failed ⁵
Hex(FFB8A6)	Ratio: 5.43 AA ¹ AAA 18pt ⁴	Ratio: 1.20 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.22 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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