

Converting Colors - WCAG Matrix

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

	Hex(FF5944)	Hex(FFFFFF)	Hex(FF9275)	Hex(FFAF8F)	Hex(FFCCAA)	Hex(FFE9C6)	Hex(FFFEE2)
Hex(FF5944)		Ratio: 3.10 AA 18pt ²	Ratio: 1.42 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.62 Failed ⁵	Ratio: 3.05 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.10 AA 18pt ²		Ratio: 2.18 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.02 Failed ⁵
Hex(FF9275)	Ratio: 1.42 Failed ⁵	Ratio: 2.18 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.15 Failed ⁵
Hex(FFAF8F)	Ratio: 1.74 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.75 Failed ⁵
Hex(FFCCAA)	Ratio: 2.14 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.43 Failed ⁵
Hex(FFE9C6)	Ratio: 2.62 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.17 Failed ⁵
Hex(FFFEE2)	Ratio: 3.05 AA 18pt ²	Ratio: 1.02 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.17 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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