

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(DC0401) Hex(FFBE8E) Hex(FF5937) Hex(FF7850) Hex(FF9569) Hex(FFB383)

	Hex(DC0401)	Hex(FFBE8E)	Hex(FF5937)	Hex(FF7850)	Hex(FF9569)	Hex(FFB383)
Hex(DC0401)		Ratio: 3.20 AA 18pt ²	Ratio: 1.66 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.40 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(FFBE8E)	Ratio: 3.20 AA 18pt ²		Ratio: 1.93 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.08 Failed ⁵
Hex(FF5937)	Ratio: 1.66 Failed ⁵	Ratio: 1.93 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(FF7850)	Ratio: 1.98 Failed ⁵	Ratio: 1.62 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.49 Failed ⁵
Hex(FF9569)	Ratio: 2.40 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.23 Failed ⁵
Hex(FFB383)	Ratio: 2.96 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.23 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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