

Converting Colors - WCAG Matrix

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

	Hex(CA625C)	Hex(FFFFFF)	Hex(FF978E)	Hex(FFB3A9)	Hex(FFCFC4)	Hex(FFEBE0)	Hex(FFFFFD)
Hex(CA625C)		Ratio: 3.88 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 2.27 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.87 AA 18pt ²
Hex(FFFFFF)	Ratio: 3.88 AA 18pt ²		Ratio: 2.09 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.00 Failed ⁵
Hex(FF978E)	Ratio: 1.86 Failed ⁵	Ratio: 2.09 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.08 Failed ⁵
Hex(FFB3A9)	Ratio: 2.27 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(FFCFC4)	Ratio: 2.77 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.49 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.40 Failed ⁵
Hex(FFEBE0)	Ratio: 3.36 AA 18pt ²	Ratio: 1.15 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(FFFFFD)	Ratio: 3.87 AA 18pt ²	Ratio: 1.00 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.15 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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