

Converting Colors - WCAG Matrix

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

	Hex(CCA9A1)	Hex(CC988D)	Hex(CC8878)	Hex(CC7764)	Hex(CC674F)	Hex(CC563B)	Hex(CC4527)	Hex(CC3512)	Hex(CC2600)
Hex(CCA9A1)		Ratio: 1.16 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 2.39 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(CC988D)	Ratio: 1.16 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.20 Failed ⁵
Hex(CC8878)	Ratio: 1.33 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.15 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.91 Failed ⁵
Hex(CC7764)	Ratio: 1.53 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 1.15 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.66 Failed ⁵
Hex(CC674F)	Ratio: 1.74 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.46 Failed ⁵
Hex(CC563B)	Ratio: 1.97 Failed ⁵	Ratio: 1.70 Failed ⁵	Ratio: 1.48 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(CC4527)	Ratio: 2.19 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.44 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.09 Failed ⁵	Ratio: 1.16 Failed ⁵
Hex(CC3512)	Ratio: 2.39 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.09 Failed ⁵		Ratio: 1.06 Failed ⁵
Hex(CC2600)	Ratio: 2.54 Failed ⁵	Ratio: 2.20 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.46 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.06 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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