

Converting Colors - WCAG Matrix

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

Hex(CEA8AA) Hex(FFC7CA) Hex(CEB8A8) Hex(665C5C) Hex(A60009) Hex(260002)

	Hex(CEA8AA)	Hex(FFC7CA)	Hex(CEB8A8)	Hex(665C5C)	Hex(A60009)	Hex(260002)
Hex(CEA8AA)		Ratio: 1.46 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.02 AA 18pt ²	Ratio: 3.73 AA 18pt ²	Ratio: 9.05 Passed ⁶
Hex(FFC7CA)	Ratio: 1.46 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 4.39 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 13.18 Passed ⁶
Hex(CEB8A8)	Ratio: 1.13 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.40 AA 18pt ²	Ratio: 4.21 AA 18pt ²	Ratio: 10.20 Passed ⁶
Hex(665C5C)	Ratio: 3.02 AA 18pt ²	Ratio: 4.39 AA 18pt ²	Ratio: 3.40 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60009)	Ratio: 3.73 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 4.21 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(260002)	Ratio: 9.05 Passed ⁶	Ratio: 13.18 Passed ⁶	Ratio: 10.20 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.42 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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