

Converting Colors - WCAG Matrix

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

Hex(CA98B3) Hex(FFB3DC) Hex(CA989B) Hex(665C61) Hex(A6005A) Hex(260015)

	Hex(CA98B3)	Hex(FFB3DC)	Hex(CA989B)	Hex(665C61)	Hex(A6005A)	Hex(260015)
Hex(CA98B3)		Ratio: 1.47 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.65 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 7.92 Passed ⁶
Hex(FFB3DC)	Ratio: 1.47 Failed ⁵		Ratio: 1.50 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 11.65 Passed ⁶
Hex(CA989B)	Ratio: 1.02 Failed ⁵	Ratio: 1.50 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 3.06 AA 18pt ²	Ratio: 7.75 Passed ⁶
Hex(665C61)	Ratio: 2.65 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 2.59 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(A6005A)	Ratio: 3.13 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 3.06 AA 18pt ²	Ratio: 1.18 Failed ⁵		Ratio: 2.53 Failed ⁵
Hex(260015)	Ratio: 7.92 Passed ⁶	Ratio: 11.65 Passed ⁶	Ratio: 7.75 Passed ⁶	Ratio: 2.99 Failed ⁵	Ratio: 2.53 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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