

Converting Colors - WCAG Matrix

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

Hex(CBAABE) Hex(FFCCEB) Hex(AACBC7) Hex(665C62) Hex(A60064) Hex(260017)

	Hex(CBAABE)	Hex(FFCCEB)	Hex(AACBC7)	Hex(665C62)	Hex(A60064)	Hex(260017)
Hex(CBAABE)		Ratio: 1.50 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 3.07 AA 18pt ²	Ratio: 3.58 AA 18pt ²	Ratio: 9.16 Passed ⁶
Hex(FFCCEB)	Ratio: 1.50 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 13.78 Passed ⁶
Hex(AACBC7)	Ratio: 1.20 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 4.30 AA 18pt ²	Ratio: 11.03 Passed ⁶
Hex(665C62)	Ratio: 3.07 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²		Ratio: 1.17 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(A60064)	Ratio: 3.58 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 4.30 AA 18pt ²	Ratio: 1.17 Failed ⁵		Ratio: 2.56 Failed ⁵
Hex(260017)	Ratio: 9.16 Passed ⁶	Ratio: 13.78 Passed ⁶	Ratio: 11.03 Passed ⁶	Ratio: 2.99 Failed ⁵	Ratio: 2.56 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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