

Converting Colors - WCAG Matrix

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

Hex(CEABAC) Hex(FFCCCD) Hex(CEBBAB) Hex(665C5C) Hex(A60005) Hex(260001)

	Hex(CEABAC)	Hex(FFCCCD)	Hex(CEBBAB)	Hex(665C5C)	Hex(A60005)	Hex(260001)
Hex(CEABAC)		Ratio: 1.47 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.09 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 9.28 Passed ⁶
Hex(FFCCCD)	Ratio: 1.47 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 13.64 Passed ⁶
Hex(CEBBAB)	Ratio: 1.13 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 3.48 AA 18pt ²	Ratio: 4.31 AA 18pt ²	Ratio: 10.45 Passed ⁶
Hex(665C5C)	Ratio: 3.09 AA 18pt ²	Ratio: 4.54 AA ¹ AAA 18pt ⁴	Ratio: 3.48 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60005)	Ratio: 3.83 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 4.31 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(260001)	Ratio: 9.28 Passed ⁶	Ratio: 13.64 Passed ⁶	Ratio: 10.45 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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