

Converting Colors - WCAG Matrix

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

Hex(CDB9BE) Hex(FFE0E8) Hex(C8CDB9) Hex(665C5E) Hex(A60029) Hex(26000A)

	Hex(CDB9BE)	Hex(FFE0E8)	Hex(C8CDB9)	Hex(665C5E)	Hex(A60029)	Hex(26000A)
Hex(CDB9BE)		Ratio: 1.51 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 3.46 AA 18pt ²	Ratio: 4.25 AA 18pt ²	Ratio: 10.38 Passed ⁶
Hex(FFE0E8)	Ratio: 1.51 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 15.72 Passed ⁶
Hex(C8CDB9)	Ratio: 1.14 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.96 AA 18pt ²	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 11.86 Passed ⁶
Hex(665C5E)	Ratio: 3.46 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²		Ratio: 1.23 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60029)	Ratio: 4.25 AA 18pt ²	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 4.86 AA ¹ AAA 18pt ⁴	Ratio: 1.23 Failed ⁵		Ratio: 2.44 Failed ⁵
Hex(26000A)	Ratio: 10.38 Passed ⁶	Ratio: 15.72 Passed ⁶	Ratio: 11.86 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.44 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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