

Converting Colors - WCAG Matrix

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

Hex(CEBACE) Hex(FFE0FF) Hex(CEC4BA) Hex(665C66) Hex(A600A6) Hex(260026)

	Hex(CEBACE)	Hex(FFE0FF)	Hex(CEC4BA)	Hex(665C66)	Hex(A600A6)	Hex(260026)
Hex(CEBACE)		Ratio: 1.50 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 3.64 AA 18pt ²	Ratio: 10.39 Passed ⁶
Hex(FFE0FF)	Ratio: 1.50 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 15.63 Passed ⁶
Hex(CEC4BA)	Ratio: 1.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.72 AA 18pt ²	Ratio: 3.86 AA 18pt ²	Ratio: 11.01 Passed ⁶
Hex(665C66)	Ratio: 3.51 AA 18pt ²	Ratio: 5.28 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²		Ratio: 1.04 Failed ⁵	Ratio: 2.96 Failed ⁵
Hex(A600A6)	Ratio: 3.64 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 3.86 AA 18pt ²	Ratio: 1.04 Failed ⁵		Ratio: 2.86 Failed ⁵
Hex(260026)	Ratio: 10.39 Passed ⁶	Ratio: 15.63 Passed ⁶	Ratio: 11.01 Passed ⁶	Ratio: 2.96 Failed ⁵	Ratio: 2.86 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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