

Converting Colors - WCAG Matrix

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

Hex(CBBFC0) Hex(FFEDEF) Hex(C6CBBF) Hex(665E5F) Hex(A6000E) Hex(260003)

	Hex(CBBFC0)	Hex(FFEDEF)	Hex(C6CBBF)	Hex(665E5F)	Hex(A6000E)	Hex(260003)
Hex(CBBFC0)		Ratio: 1.58 Failed ⁵	Ratio: 1.08 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 4.47 AA 18pt ²	Ratio: 10.84 Passed ⁶
Hex(FFEDEF)	Ratio: 1.58 Failed ⁵		Ratio: 1.47 Failed ⁵	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 7.08 Passed ⁶	Ratio: 17.17 Passed ⁶
Hex(C6CBBF)	Ratio: 1.08 Failed ⁵	Ratio: 1.47 Failed ⁵		Ratio: 3.81 AA 18pt ²	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 11.71 Passed ⁶
Hex(665E5F)	Ratio: 3.53 AA 18pt ²	Ratio: 5.59 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²		Ratio: 1.27 Failed ⁵	Ratio: 3.07 AA 18pt ²
Hex(A6000E)	Ratio: 4.47 AA 18pt ²	Ratio: 7.08 Passed ⁶	Ratio: 4.83 AA ¹ AAA 18pt ⁴	Ratio: 1.27 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(260003)	Ratio: 10.84 Passed ⁶	Ratio: 17.17 Passed ⁶	Ratio: 11.71 Passed ⁶	Ratio: 3.07 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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