

Converting Colors - WCAG Matrix

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

Hex(CCBFC4) Hex(FFEBF2) Hex(CCCCBF) Hex(665C61) Hex(A60042) Hex(26000F)

Hex(CCBFC4)		Ratio: 1.56 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 4.38 AA 18pt ²	Ratio: 10.85 Passed ⁶
Hex(FFEBF2)	Ratio: 1.56 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 16.91 Passed ⁶
Hex(CCCCBF)	Ratio: 1.10 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 3.96 AA 18pt ²	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 11.89 Passed ⁶
Hex(665C61)	Ratio: 3.62 AA 18pt ²	Ratio: 5.63 AA ¹ AAA 18pt ⁴	Ratio: 3.96 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60042)	Ratio: 4.38 AA 18pt ²	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.21 Failed ⁵		Ratio: 2.48 Failed ⁵
Hex(26000F)	Ratio: 10.85 Passed ⁶	Ratio: 16.91 Passed ⁶	Ratio: 11.89 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 2.48 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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