

Converting Colors - WCAG Matrix

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

Hex(C8C6C8) Hex(FFFCFF) Hex(C8C6C7) Hex(636263) Hex(A200A3) Hex(230024)

	Hex(C8C6C8)	Hex(FFFCFF)	Hex(C8C6C7)	Hex(636263)	Hex(A200A3)	Hex(230024)
Hex(C8C6C8)		Ratio: 1.67 Failed ⁵	Ratio: 1.00 Failed ⁵	Ratio: 3.58 AA 18pt ²	Ratio: 4.03 AA 18pt ²	Ratio: 11.27 Passed ⁶
Hex(FFFCFF)	Ratio: 1.67 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 18.80 Passed ⁶
Hex(C8C6C7)	Ratio: 1.00 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 3.57 AA 18pt ²	Ratio: 4.03 AA 18pt ²	Ratio: 11.27 Passed ⁶
Hex(636263)	Ratio: 3.58 AA 18pt ²	Ratio: 5.96 AA ¹ AAA 18pt ⁴	Ratio: 3.57 AA 18pt ²		Ratio: 1.13 Failed ⁵	Ratio: 3.15 AA 18pt ²
Hex(A200A3)	Ratio: 4.03 AA 18pt ²	Ratio: 6.73 AA ¹ AAA 18pt ⁴	Ratio: 4.03 AA 18pt ²	Ratio: 1.13 Failed ⁵		Ratio: 2.79 Failed ⁵
Hex(230024)	Ratio: 11.27 Passed ⁶	Ratio: 18.80 Passed ⁶	Ratio: 11.27 Passed ⁶	Ratio: 3.15 AA 18pt ²	Ratio: 2.79 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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