

Converting Colors - WCAG Matrix

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

Hex(CCA3A3) Hex(FFC2C2) Hex(A3B8CC) Hex(665C5C) Hex(A60000) Hex(260000)

	Hex(CCA3A3)	Hex(FFC2C2)	Hex(A3B8CC)	Hex(665C5C)	Hex(A60000)	Hex(260000)
Hex(CCA3A3)		Ratio: 1.47 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 8.62 Passed ⁶
Hex(FFC2C2)	Ratio: 1.47 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 12.70 Passed ⁶
Hex(A3B8CC)	Ratio: 1.10 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 3.16 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 9.50 Passed ⁶
Hex(665C5C)	Ratio: 2.87 Failed ⁵	Ratio: 4.23 AA 18pt ²	Ratio: 3.16 AA 18pt ²		Ratio: 1.24 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(A60000)	Ratio: 3.56 AA 18pt ²	Ratio: 5.24 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 1.24 Failed ⁵		Ratio: 2.42 Failed ⁵
Hex(260000)	Ratio: 8.62 Passed ⁶	Ratio: 12.70 Passed ⁶	Ratio: 9.50 Passed ⁶	Ratio: 3.00 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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