

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.
Hex(C27077) Hex(FC7E88) Hex(C29270) Hex(615758) Hex(A1000C) Hex(210003)

	Hex(C27077)	Hex(FC7E88)	Hex(C29270)	Hex(615758)	Hex(A1000C)	Hex(210003)
Hex(C27077)		Ratio: 1.44 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.33 Failed ⁵	Ratio: 5.51 AA ¹ AAA 18pt ⁴
Hex(FC7E88)	Ratio: 1.44 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 7.95 Passed ⁶
Hex(C29270)	Ratio: 1.30 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 2.54 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 7.17 Passed ⁶
Hex(615758)	Ratio: 1.95 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 2.54 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(A1000C)	Ratio: 2.33 Failed ⁵	Ratio: 3.36 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 1.20 Failed ⁵		Ratio: 2.36 Failed ⁵
Hex(210003)	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 7.95 Passed ⁶	Ratio: 7.17 Passed ⁶	Ratio: 2.83 Failed ⁵	Ratio: 2.36 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.