

Converting Colors - WCAG Matrix

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

	Hex(C8C4D3)	Hex(ADA9B7)	Hex(928E9D)	Hex(787582)	Hex(605C69)	Hex(484551)	Hex(312E3A)	Hex(1C1A25)	Hex(020010)	Hex(000000)
Hex(C8C4D3)		Ratio: 1.35 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.80 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 7.77 Passed ⁶	Ratio: 10.04 Passed ⁶	Ratio: 12.17 Passed ⁶	Ratio: 12.29 Passed ⁶
Hex(ADA9B7)	Ratio: 1.35 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 7.47 Passed ⁶	Ratio: 9.05 Passed ⁶	Ratio: 9.14 Passed ⁶
Hex(928E9D)	Ratio: 1.87 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 6.58 AA ¹ AAA 18pt ⁴
Hex(787582)	Ratio: 2.63 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 4.67 AA ¹ AAA 18pt ⁴
Hex(605C69)	Ratio: 3.80 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.20 AA 18pt ²	Ratio: 3.23 AA 18pt ²
Hex(484551)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(312E3A)	Ratio: 7.77 Passed ⁶	Ratio: 5.77 AA ¹ AAA 18pt ⁴	Ratio: 4.16 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.58 Failed ⁵
Hex(1C1A25)	Ratio: 10.04 Passed ⁶	Ratio: 7.47 Passed ⁶	Ratio: 5.38 AA ¹ AAA 18pt ⁴	Ratio: 3.81 AA 18pt ²	Ratio: 2.64 Failed ⁵	Ratio: 1.83 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(020010)	Ratio: 12.17 Passed ⁶	Ratio: 9.05 Passed ⁶	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.20 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.57 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(000000)	Ratio: 12.29 Passed ⁶	Ratio: 9.14 Passed ⁶	Ratio: 6.58 AA ¹ AAA 18pt ⁴	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.58 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.01 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.

This PDF was generated on convertingcolors.com.