

Converting Colors - WCAG Matrix

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

	Hex(C97878)	Hex(AD5F5F)	Hex(904648)	Hex(752E31)	Hex(5A151C)	Hex(400002)	Hex(290001)	Hex(000000)
Hex(C97878)		Ratio: 1.41 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 6.44 AA ¹ AAA 18pt ⁴
Hex(AD5F5F)	Ratio: 1.41 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.94 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 4.18 AA 18pt ²	Ratio: 4.58 AA ¹ AAA 18pt ⁴
Hex(904648)	Ratio: 2.04 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.59 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.16 AA 18pt ²
Hex(752E31)	Ratio: 2.94 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.41 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(5A151C)	Ratio: 4.13 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.41 Failed ⁵		Ratio: 1.28 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(400002)	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 3.76 AA 18pt ²	Ratio: 2.59 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.28 Failed ⁵		Ratio: 1.11 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(290001)	Ratio: 5.88 AA ¹ AAA 18pt ⁴	Ratio: 4.18 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.42 Failed ⁵	Ratio: 1.11 Failed ⁵		Ratio: 1.09 Failed ⁵
Hex(000000)	Ratio: 6.44 AA ¹ AAA 18pt ⁴	Ratio: 4.58 AA ¹ AAA 18pt ⁴	Ratio: 3.16 AA 18pt ²	Ratio: 2.19 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 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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