

Converting Colors - WCAG Matrix

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

	Hex(CA8988)	Hex(AE6F6F)	Hex(925656)	Hex(773E3F)	Hex(5D2729)	Hex(431115)	Hex(2D0000)	Hex(000000)
Hex(CA8988)		Ratio: 1.40 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 7.44 Passed ⁶
Hex(AE6F6F)	Ratio: 1.40 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 3.99 AA 18pt ²	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 5.30 AA ¹ AAA 18pt ⁴
Hex(925656)	Ratio: 2.02 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.77 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 3.69 AA 18pt ²
Hex(773E3F)	Ratio: 2.93 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.29 Failed ⁵	Ratio: 2.55 Failed ⁵
Hex(5D2729)	Ratio: 4.16 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.34 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(431115)	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 3.99 AA 18pt ²	Ratio: 2.77 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.34 Failed ⁵		Ratio: 1.20 Failed ⁵	Ratio: 1.33 Failed ⁵
Hex(2D0000)	Ratio: 6.70 AA ¹ AAA 18pt ⁴	Ratio: 4.77 AA ¹ AAA 18pt ⁴	Ratio: 3.32 AA 18pt ²	Ratio: 2.29 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.20 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 7.44 Passed ⁶	Ratio: 5.30 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²	Ratio: 2.55 Failed ⁵	Ratio: 1.79 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.11 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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