

Converting Colors - WCAG Matrix

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

	Hex(AA98A9)	Hex(8F7E8F)	Hex(766575)	Hex(5D4D5C)	Hex(453645)	Hex(2F212F)	Hex(1B0B1A)	Hex(000000)
Hex(AA98A9)		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.90 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.01 Passed ⁶	Ratio: 7.77 Passed ⁶
Hex(8F7E8F)	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.02 AA 18pt ²	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 5.55 AA ¹ AAA 18pt ⁴
Hex(766575)	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.82 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 3.89 AA 18pt ²
Hex(5D4D5C)	Ratio: 2.90 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 2.42 Failed ⁵	Ratio: 2.68 Failed ⁵
Hex(453645)	Ratio: 4.16 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.87 Failed ⁵
Hex(2F212F)	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²	Ratio: 2.82 Failed ⁵	Ratio: 1.94 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 1.38 Failed ⁵
Hex(1B0B1A)	Ratio: 7.01 Passed ⁶	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 3.51 AA 18pt ²	Ratio: 2.42 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 7.77 Passed ⁶	Ratio: 5.55 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 2.68 Failed ⁵	Ratio: 1.87 Failed ⁵	Ratio: 1.38 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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