

Converting Colors - WCAG Matrix

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

	Hex(9F948E)	Hex(857A75)	Hex(6B615C)	Hex(534A44)	Hex(3C332E)	Hex(261E1A)	Hex(120500)	Hex(000000)
Hex(9F948E)		Ratio: 1.41 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 2.92 Failed ⁵	Ratio: 4.16 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 7.10 Passed ⁶
Hex(857A75)	Ratio: 1.41 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.95 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 5.04 AA ¹ AAA 18pt ⁴
Hex(6B615C)	Ratio: 2.03 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.72 Failed ⁵	Ratio: 3.33 AA 18pt ²	Ratio: 3.49 AA 18pt ²
Hex(534A44)	Ratio: 2.92 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 2.43 Failed ⁵
Hex(3C332E)	Ratio: 4.16 AA 18pt ²	Ratio: 2.95 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.71 Failed ⁵
Hex(261E1A)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 3.93 AA 18pt ²	Ratio: 2.72 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵
Hex(120500)	Ratio: 6.78 AA ¹ AAA 18pt ⁴	Ratio: 4.81 AA ¹ AAA 18pt ⁴	Ratio: 3.33 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(000000)	Ratio: 7.10 Passed ⁶	Ratio: 5.04 AA ¹ AAA 18pt ⁴	Ratio: 3.49 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.05 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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