

Converting Colors - WCAG Matrix

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

Hex(78807E) Hex(9AA6A3) Hex(787E80) Hex(3B403E) Hex(00805E) Hex(000000)

	Hex(78807E)	Hex(9AA6A3)	Hex(787E80)	Hex(3B403E)	Hex(00805E)	Hex(000000)
Hex(78807E)		Ratio: 1.61 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 5.19 AA ¹ AAA 18pt ⁴
Hex(9AA6A3)	Ratio: 1.61 Failed ⁵		Ratio: 1.64 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 1.97 Failed ⁵	Ratio: 8.36 Passed ⁶
Hex(787E80)	Ratio: 1.02 Failed ⁵	Ratio: 1.64 Failed ⁵		Ratio: 2.56 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(3B403E)	Ratio: 2.61 Failed ⁵	Ratio: 4.20 AA 18pt ²	Ratio: 2.56 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(00805E)	Ratio: 1.22 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 2.14 Failed ⁵		Ratio: 4.25 AA 18pt ²
Hex(000000)	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 8.36 Passed ⁶	Ratio: 5.09 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 4.25 AA 18pt ²	

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.