

Converting Colors - WCAG Matrix

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

Hex(767D7D) Hex(98A3A3) Hex(767A7D) Hex(3B4040) Hex(008080) Hex(000000)

	Hex(767D7D)	Hex(98A3A3)	Hex(767A7D)	Hex(3B4040)	Hex(008080)	Hex(000000)
Hex(767D7D)		Ratio: 1.62 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 5.00 AA ¹ AAA 18pt ⁴
Hex(98A3A3)	Ratio: 1.62 Failed ⁵		Ratio: 1.67 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 1.84 Failed ⁵	Ratio: 8.10 Passed ⁶
Hex(767A7D)	Ratio: 1.03 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 2.43 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴
Hex(3B4040)	Ratio: 2.51 Failed ⁵	Ratio: 4.06 AA 18pt ²	Ratio: 2.43 Failed ⁵		Ratio: 2.21 Failed ⁵	Ratio: 1.99 Failed ⁵
Hex(008080)	Ratio: 1.14 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 2.21 Failed ⁵		Ratio: 4.40 AA 18pt ²
Hex(000000)	Ratio: 5.00 AA ¹ AAA 18pt ⁴	Ratio: 8.10 Passed ⁶	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 1.99 Failed ⁵	Ratio: 4.40 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.

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