

Converting Colors - WCAG Matrix

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

Hex(628282) Hex(76A8A8) Hex(627282) Hex(394040) Hex(008080) Hex(000000)

	Hex(628282)	Hex(76A8A8)	Hex(627282)	Hex(394040)	Hex(008080)	Hex(000000)
Hex(628282)		Ratio: 1.58 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 5.03 AA ¹ AAA 18pt ⁴
Hex(76A8A8)	Ratio: 1.58 Failed ⁵		Ratio: 1.87 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 1.80 Failed ⁵	Ratio: 7.94 Passed ⁶
Hex(627282)	Ratio: 1.19 Failed ⁵	Ratio: 1.87 Failed ⁵		Ratio: 2.14 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 4.25 AA 18pt ²
Hex(394040)	Ratio: 2.54 Failed ⁵	Ratio: 4.01 AA 18pt ²	Ratio: 2.14 Failed ⁵		Ratio: 2.22 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(008080)	Ratio: 1.14 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.04 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 4.40 AA 18pt ²
Hex(000000)	Ratio: 5.03 AA ¹ AAA 18pt ⁴	Ratio: 7.94 Passed ⁶	Ratio: 4.25 AA 18pt ²	Ratio: 1.98 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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