

Converting Colors - WCAG Matrix

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

Hex(058080) Hex(00A5A6) Hex(054380) Hex(394040) Hex(007F80) Hex(000000)

	Hex(058080)	Hex(00A5A6)	Hex(054380)	Hex(394040)	Hex(007F80)	Hex(000000)
Hex(058080)		Ratio: 1.57 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.22 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 4.41 AA 18pt ²
Hex(00A5A6)	Ratio: 1.57 Failed ⁵		Ratio: 3.27 AA 18pt ²	Ratio: 3.50 AA 18pt ²	Ratio: 1.59 Failed ⁵	Ratio: 6.93 AA ¹ AAA 18pt ⁴
Hex(054380)	Ratio: 2.08 Failed ⁵	Ratio: 3.27 AA 18pt ²		Ratio: 1.07 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.12 Failed ⁵
Hex(394040)	Ratio: 2.22 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 1.07 Failed ⁵		Ratio: 2.19 Failed ⁵	Ratio: 1.98 Failed ⁵
Hex(007F80)	Ratio: 1.01 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.19 Failed ⁵		Ratio: 4.35 AA 18pt ²
Hex(000000)	Ratio: 4.41 AA 18pt ²	Ratio: 6.93 AA ¹ AAA 18pt ⁴	Ratio: 2.12 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 4.35 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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