

Converting Colors - WCAG Matrix

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

Hex(5EA0A0) Hex(6BD1D1) Hex(5E80A0) Hex(474F4F) Hex(008F8F) Hex(00F0F)

	Hex(5EA0A0)	Hex(6BD1D1)	Hex(5E80A0)	Hex(474F4F)	Hex(008F8F)	Hex(00F0F)
Hex(5EA0A0)		Ratio: 1.66 Failed ⁵	Ratio: 1.38 Failed ⁵	Ratio: 2.81 Failed ⁵	Ratio: 1.32 Failed ⁵	Ratio: 6.52 AA ¹ AAA 18pt ⁴
Hex(6BD1D1)	Ratio: 1.66 Failed ⁵		Ratio: 2.30 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 2.19 Failed ⁵	Ratio: 10.85 Passed ⁶
Hex(5E80A0)	Ratio: 1.38 Failed ⁵	Ratio: 2.30 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 4.72 AA ¹ AAA 18pt ⁴
Hex(474F4F)	Ratio: 2.81 Failed ⁵	Ratio: 4.67 AA ¹ AAA 18pt ⁴	Ratio: 2.03 Failed ⁵		Ratio: 2.13 Failed ⁵	Ratio: 2.32 Failed ⁵
Hex(008F8F)	Ratio: 1.32 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.13 Failed ⁵		Ratio: 4.95 AA ¹ AAA 18pt ⁴
Hex(00F0F)	Ratio: 6.52 AA ¹ AAA 18pt ⁴	Ratio: 10.85 Passed ⁶	Ratio: 4.72 AA ¹ AAA 18pt ⁴	Ratio: 2.32 Failed ⁵	Ratio: 4.95 AA ¹ AAA 18pt ⁴	

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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