

Converting Colors - WCAG Matrix

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

Hex(76BEB9) Hex(88F7F0) Hex(76A0BE) Hex(555E5E) Hex(009E93) Hex(001F1C)

	Hex(76BEB9)	Hex(88F7F0)	Hex(76A0BE)	Hex(555E5E)	Hex(009E93)	Hex(001F1C)
Hex(76BEB9)		Ratio: 1.69 Failed ⁵	Ratio: 1.30 Failed ⁵	Ratio: 3.12 AA 18pt ²	Ratio: 1.56 Failed ⁵	Ratio: 8.11 Passed ⁶
Hex(88F7F0)	Ratio: 1.69 Failed ⁵		Ratio: 2.20 Failed ⁵	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 2.63 Failed ⁵	Ratio: 13.70 Passed ⁶
Hex(76A0BE)	Ratio: 1.30 Failed ⁵	Ratio: 2.20 Failed ⁵		Ratio: 2.40 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 6.22 AA ¹ AAA 18pt ⁴
Hex(555E5E)	Ratio: 3.12 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 2.40 Failed ⁵		Ratio: 2.00 Failed ⁵	Ratio: 2.60 Failed ⁵
Hex(009E93)	Ratio: 1.56 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 2.00 Failed ⁵		Ratio: 5.20 AA ¹ AAA 18pt ⁴
Hex(001F1C)	Ratio: 8.11 Passed ⁶	Ratio: 13.70 Passed ⁶	Ratio: 6.22 AA ¹ AAA 18pt ⁴	Ratio: 2.60 Failed ⁵	Ratio: 5.20 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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