

Converting Colors - WCAG Matrix

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

Hex(00BDBA) Hex(00F5F2) Hex(0061BD) Hex(545E5E) Hex(009E9C) Hex(001F1F)

	Hex(00BDBA)	Hex(00F5F2)	Hex(0061BD)	Hex(545E5E)	Hex(009E9C)	Hex(001F1F)
Hex(00BDBA)		Ratio: 1.71 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.86 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 7.39 Passed ⁶
Hex(00F5F2)	Ratio: 1.71 Failed ⁵		Ratio: 4.45 AA 18pt ²	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 2.41 Failed ⁵	Ratio: 12.62 Passed ⁶
Hex(0061BD)	Ratio: 2.61 Failed ⁵	Ratio: 4.45 AA 18pt ²		Ratio: 1.10 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.83 Failed ⁵
Hex(545E5E)	Ratio: 2.86 Failed ⁵	Ratio: 4.89 AA ¹ AAA 18pt ⁴	Ratio: 1.10 Failed ⁵		Ratio: 2.03 Failed ⁵	Ratio: 2.58 Failed ⁵
Hex(009E9C)	Ratio: 1.41 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.03 Failed ⁵		Ratio: 5.24 AA ¹ AAA 18pt ⁴
Hex(001F1F)	Ratio: 7.39 Passed ⁶	Ratio: 12.62 Passed ⁶	Ratio: 2.83 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 5.24 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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