

Converting Colors - WCAG Matrix

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

Hex(B3C2C4) Hex(E6FCFF) Hex(B3BAC4) Hex(576061) Hex(008EA1) Hex(001D21)

	Hex(B3C2C4)	Hex(E6FCFF)	Hex(B3BAC4)	Hex(576061)	Hex(008EA1)	Hex(001D21)
Hex(B3C2C4)		Ratio: 1.73 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 9.54 Passed ⁶
Hex(E6FCFF)	Ratio: 1.73 Failed ⁵		Ratio: 1.84 Failed ⁵	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 3.67 AA 18pt ²	Ratio: 16.47 Passed ⁶
Hex(B3BAC4)	Ratio: 1.06 Failed ⁵	Ratio: 1.84 Failed ⁵		Ratio: 3.30 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 8.96 Passed ⁶
Hex(576061)	Ratio: 3.52 AA 18pt ²	Ratio: 6.07 AA ¹ AAA 18pt ⁴	Ratio: 3.30 AA 18pt ²		Ratio: 1.66 Failed ⁵	Ratio: 2.71 Failed ⁵
Hex(008EA1)	Ratio: 2.12 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 1.66 Failed ⁵		Ratio: 4.49 AA 18pt ²
Hex(001D21)	Ratio: 9.54 Passed ⁶	Ratio: 16.47 Passed ⁶	Ratio: 8.96 Passed ⁶	Ratio: 2.71 Failed ⁵	Ratio: 4.49 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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