

Converting Colors - WCAG Matrix

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

Hex(B3D2D8) Hex(C9F6FF) Hex(B3C0D8) Hex(60696B) Hex(008FAB) Hex(00242B)

	Hex(B3D2D8)	Hex(C9F6FF)	Hex(B3C0D8)	Hex(60696B)	Hex(008FAB)	Hex(00242B)
Hex(B3D2D8)		Ratio: 1.38 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 3.52 AA 18pt ²	Ratio: 2.38 Failed ⁵	Ratio: 10.20 Passed ⁶
Hex(C9F6FF)	Ratio: 1.38 Failed ⁵		Ratio: 1.58 Failed ⁵	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.28 AA 18pt ²	Ratio: 14.07 Passed ⁶
Hex(B3C0D8)	Ratio: 1.15 Failed ⁵	Ratio: 1.58 Failed ⁵		Ratio: 3.07 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 8.89 Passed ⁶
Hex(60696B)	Ratio: 3.52 AA 18pt ²	Ratio: 4.85 AA ¹ AAA 18pt ⁴	Ratio: 3.07 AA 18pt ²		Ratio: 1.48 Failed ⁵	Ratio: 2.90 Failed ⁵
Hex(008FAB)	Ratio: 2.38 Failed ⁵	Ratio: 3.28 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 1.48 Failed ⁵		Ratio: 4.29 AA 18pt ²
Hex(00242B)	Ratio: 10.20 Passed ⁶	Ratio: 14.07 Passed ⁶	Ratio: 8.89 Passed ⁶	Ratio: 2.90 Failed ⁵	Ratio: 4.29 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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