

Converting Colors - WCAG Matrix

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

Hex(A3BFD4) Hex(BAE3FF) Hex(A3A6D4) Hex(61666B) Hex(0063AB) Hex(001A2B)

	Hex(A3BFD4)	Hex(BAE3FF)	Hex(A3A6D4)	Hex(61666B)	Hex(0063AB)	Hex(001A2B)
Hex(A3BFD4)		Ratio: 1.42 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 3.25 AA 18pt ²	Ratio: 9.27 Passed ⁶
Hex(BAE3FF)	Ratio: 1.42 Failed ⁵		Ratio: 1.73 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 13.12 Passed ⁶
Hex(A3A6D4)	Ratio: 1.22 Failed ⁵	Ratio: 1.73 Failed ⁵		Ratio: 2.47 Failed ⁵	Ratio: 2.66 Failed ⁵	Ratio: 7.58 Passed ⁶
Hex(61666B)	Ratio: 3.03 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 2.47 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 3.06 AA 18pt ²
Hex(0063AB)	Ratio: 3.25 AA 18pt ²	Ratio: 4.60 AA ¹ AAA 18pt ⁴	Ratio: 2.66 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 2.85 Failed ⁵
Hex(001A2B)	Ratio: 9.27 Passed ⁶	Ratio: 13.12 Passed ⁶	Ratio: 7.58 Passed ⁶	Ratio: 3.06 AA 18pt ²	Ratio: 2.85 Failed ⁵	

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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