

Converting Colors - WCAG Matrix

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

Hex(A2B6E0) Hex(ABC6FF) Hex(ACA2E0) Hex(656970) Hex(0039B0) Hex(001030)

	Hex(A2B6E0)	Hex(ABC6FF)	Hex(ACA2E0)	Hex(656970)	Hex(0039B0)	Hex(001030)
Hex(A2B6E0)		Ratio: 1.19 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 9.23 Passed ⁶
Hex(ABC6FF)	Ratio: 1.19 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 10.97 Passed ⁶
Hex(ACA2E0)	Ratio: 1.15 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 2.36 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 8.06 Passed ⁶
Hex(656970)	Ratio: 2.71 Failed ⁵	Ratio: 3.22 AA 18pt ²	Ratio: 2.36 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.41 AA 18pt ²
Hex(0039B0)	Ratio: 4.66 AA ¹ AAA 18pt ⁴	Ratio: 5.54 AA ¹ AAA 18pt ⁴	Ratio: 4.07 AA 18pt ²	Ratio: 1.72 Failed ⁵		Ratio: 1.98 Failed ⁵
Hex(001030)	Ratio: 9.23 Passed ⁶	Ratio: 10.97 Passed ⁶	Ratio: 8.06 Passed ⁶	Ratio: 3.41 AA 18pt ²	Ratio: 1.98 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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