

Converting Colors - WCAG Matrix

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

Hex(A4B6C0) Hex(CDE9FA) Hex(A4A8C0) Hex(575D61) Hex(0064A1) Hex(001521)

	Hex(A4B6C0)	Hex(CDE9FA)	Hex(A4A8C0)	Hex(575D61)	Hex(0064A1)	Hex(001521)
Hex(A4B6C0)		Ratio: 1.66 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 3.19 AA 18pt ²	Ratio: 3.01 AA 18pt ²	Ratio: 8.88 Passed ⁶
Hex(CDE9FA)	Ratio: 1.66 Failed ⁵		Ratio: 1.86 Failed ⁵	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 14.73 Passed ⁶
Hex(A4A8C0)	Ratio: 1.12 Failed ⁵	Ratio: 1.86 Failed ⁵		Ratio: 2.84 Failed ⁵	Ratio: 2.68 Failed ⁵	Ratio: 7.92 Passed ⁶
Hex(575D61)	Ratio: 3.19 AA 18pt ²	Ratio: 5.29 AA ¹ AAA 18pt ⁴	Ratio: 2.84 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 2.78 Failed ⁵
Hex(0064A1)	Ratio: 3.01 AA 18pt ²	Ratio: 4.98 AA ¹ AAA 18pt ⁴	Ratio: 2.68 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 2.96 Failed ⁵
Hex(001521)	Ratio: 8.88 Passed ⁶	Ratio: 14.73 Passed ⁶	Ratio: 7.92 Passed ⁶	Ratio: 2.78 Failed ⁵	Ratio: 2.96 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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