

Converting Colors - WCAG Matrix

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

Hex(E0EFFF) Hex(DBEDFF) Hex(E1E0FF) Hex(73797F) Hex(005CBF) Hex(001F40)

	Hex(E0EFFF)	Hex(DBEDFF)	Hex(E1E0FF)	Hex(73797F)	Hex(005CBF)	Hex(001F40)
Hex(E0EFFF)		Ratio: 1.02 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 14.14 Passed ⁶
Hex(DBEDFF)	Ratio: 1.02 Failed ⁵		Ratio: 1.08 Failed ⁵	Ratio: 3.68 AA 18pt ²	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 13.83 Passed ⁶
Hex(E1E0FF)	Ratio: 1.10 Failed ⁵	Ratio: 1.08 Failed ⁵		Ratio: 3.42 AA 18pt ²	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 12.84 Passed ⁶
Hex(73797F)	Ratio: 3.76 AA 18pt ²	Ratio: 3.68 AA 18pt ²	Ratio: 3.42 AA 18pt ²		Ratio: 1.45 Failed ⁵	Ratio: 3.76 AA 18pt ²
Hex(005CBF)	Ratio: 5.47 AA ¹ AAA 18pt ⁴	Ratio: 5.35 AA ¹ AAA 18pt ⁴	Ratio: 4.97 AA ¹ AAA 18pt ⁴	Ratio: 1.45 Failed ⁵		Ratio: 2.59 Failed ⁵
Hex(001F40)	Ratio: 14.14 Passed ⁶	Ratio: 13.83 Passed ⁶	Ratio: 12.84 Passed ⁶	Ratio: 3.76 AA 18pt ²	Ratio: 2.59 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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