

Converting Colors - WCAG Matrix

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

Hex(D6E6ED) Hex(E0F5FF) Hex(D6D9ED) Hex(6B7378) Hex(007AB8) Hex(002638)

Hex(D6E6ED)		Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 3.77 AA 18pt ²	Ratio: 3.66 AA 18pt ²	Ratio: 12.29 Passed ⁶
Hex(E0F5FF)	Ratio: 1.14 Failed ⁵		Ratio: 1.24 Failed ⁵	Ratio: 4.29 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 13.99 Passed ⁶
Hex(D6D9ED)	Ratio: 1.09 Failed ⁵	Ratio: 1.24 Failed ⁵		Ratio: 3.45 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 11.25 Passed ⁶
Hex(6B7378)	Ratio: 3.77 AA 18pt ²	Ratio: 4.29 AA 18pt ²	Ratio: 3.45 AA 18pt ²		Ratio: 1.03 Failed ⁵	Ratio: 3.26 AA 18pt ²
Hex(007AB8)	Ratio: 3.66 AA 18pt ²	Ratio: 4.17 AA 18pt ²	Ratio: 3.35 AA 18pt ²	Ratio: 1.03 Failed ⁵		Ratio: 3.35 AA 18pt ²
Hex(002638)	Ratio: 12.29 Passed ⁶	Ratio: 13.99 Passed ⁶	Ratio: 11.25 Passed ⁶	Ratio: 3.26 AA 18pt ²	Ratio: 3.35 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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