

Converting Colors - WCAG Matrix

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

Hex(D0E2E6) Hex(E3FBFF) Hex(D0D8E6) Hex(677073) Hex(0094B3) Hex(002A33)

	Hex(D0E2E6)	Hex(E3FBFF)	Hex(D0D8E6)	Hex(677073)	Hex(0094B3)	Hex(002A33)
Hex(D0E2E6)		Ratio: 1.24 Failed ⁵	Ratio: 1.07 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 2.67 Failed ⁵	Ratio: 11.39 Passed ⁶
Hex(E3FBFF)	Ratio: 1.24 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.31 AA 18pt ²	Ratio: 14.15 Passed ⁶
Hex(D0D8E6)	Ratio: 1.07 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 3.54 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 10.62 Passed ⁶
Hex(677073)	Ratio: 3.79 AA 18pt ²	Ratio: 4.71 AA ¹ AAA 18pt ⁴	Ratio: 3.54 AA 18pt ²		Ratio: 1.42 Failed ⁵	Ratio: 3.00 AA 18pt ²
Hex(0094B3)	Ratio: 2.67 Failed ⁵	Ratio: 3.31 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 4.27 AA 18pt ²
Hex(002A33)	Ratio: 11.39 Passed ⁶	Ratio: 14.15 Passed ⁶	Ratio: 10.62 Passed ⁶	Ratio: 3.00 AA 18pt ²	Ratio: 4.27 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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