

Converting Colors - WCAG Matrix

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

	Hex(D8F4F8)	Hex(D6FAFF)	Hex(D8E4F8)	Hex(707B7D)	Hex(00A7BD)	Hex(00363D)
Hex(D8F4F8)		Ratio: 1.04 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 11.42 Passed ⁶
Hex(D6FAFF)	Ratio: 1.04 Failed ⁵		Ratio: 1.16 Failed ⁵	Ratio: 3.94 AA 18pt ²	Ratio: 2.61 Failed ⁵	Ratio: 11.90 Passed ⁶
Hex(D8E4F8)	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵		Ratio: 3.40 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 10.26 Passed ⁶
Hex(707B7D)	Ratio: 3.78 AA 18pt ²	Ratio: 3.94 AA 18pt ²	Ratio: 3.40 AA 18pt ²		Ratio: 1.51 Failed ⁵	Ratio: 3.02 AA 18pt ²
Hex(00A7BD)	Ratio: 2.51 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 2.25 Failed ⁵	Ratio: 1.51 Failed ⁵		Ratio: 4.55 AA ¹ AAA 18pt ⁴
Hex(00363D)	Ratio: 11.42 Passed ⁶	Ratio: 11.90 Passed ⁶	Ratio: 10.26 Passed ⁶	Ratio: 3.02 AA 18pt ²	Ratio: 4.55 AA ¹ AAA 18pt ⁴	

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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