

Converting Colors - WCAG Matrix

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

Hex(D5FDFC) Hex(CFFFFE) Hex(D5EAFD) Hex(73807F) Hex(00BFBA) Hex(00403E)

	Hex(D5FDFC)	Hex(CFFFFE)	Hex(D5EAFD)	Hex(73807F)	Hex(00BFBA)	Hex(00403E)
Hex(D5FDFC)		Ratio: 1.01 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.11 Failed ⁵	Ratio: 10.70 Passed ⁶
Hex(CFFFFE)	Ratio: 1.01 Failed ⁵		Ratio: 1.14 Failed ⁵	Ratio: 3.78 AA 18pt ²	Ratio: 2.12 Failed ⁵	Ratio: 10.75 Passed ⁶
Hex(D5EAFD)	Ratio: 1.13 Failed ⁵	Ratio: 1.14 Failed ⁵		Ratio: 3.32 AA 18pt ²	Ratio: 1.86 Failed ⁵	Ratio: 9.44 Passed ⁶
Hex(73807F)	Ratio: 3.76 AA 18pt ²	Ratio: 3.78 AA 18pt ²	Ratio: 3.32 AA 18pt ²		Ratio: 1.79 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(00BFBA)	Ratio: 2.11 Failed ⁵	Ratio: 2.12 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.08 AA ¹ AAA 18pt ⁴
Hex(00403E)	Ratio: 10.70 Passed ⁶	Ratio: 10.75 Passed ⁶	Ratio: 9.44 Passed ⁶	Ratio: 2.84 Failed ⁵	Ratio: 5.08 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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