

Converting Colors - WCAG Matrix

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

Hex(DDE1E5) Hex(F5FAFF) Hex(DDDE5) Hex(6D7073) Hex(0059B3) Hex(001933)

	Hex(DDE1E5)	Hex(F5FAFF)	Hex(DDDE5)	Hex(6D7073)	Hex(0059B3)	Hex(001933)
Hex(DDE1E5)		Ratio: 1.25 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.79 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 13.46 Passed ⁶
Hex(F5FAFF)	Ratio: 1.25 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 16.85 Passed ⁶
Hex(DDDE5)	Ratio: 1.03 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 3.69 AA 18pt ²	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 13.10 Passed ⁶
Hex(6D7073)	Ratio: 3.79 AA 18pt ²	Ratio: 4.74 AA ¹ AAA 18pt ⁴	Ratio: 3.69 AA 18pt ²		Ratio: 1.37 Failed ⁵	Ratio: 3.55 AA 18pt ²
Hex(0059B3)	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 6.49 AA ¹ AAA 18pt ⁴	Ratio: 5.05 AA ¹ AAA 18pt ⁴	Ratio: 1.37 Failed ⁵		Ratio: 2.60 Failed ⁵
Hex(001933)	Ratio: 13.46 Passed ⁶	Ratio: 16.85 Passed ⁶	Ratio: 13.10 Passed ⁶	Ratio: 3.55 AA 18pt ²	Ratio: 2.60 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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