

Converting Colors - WCAG Matrix

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

Hex(DFE9F1) Hex(E8F5FF) Hex(DFE0F1) Hex(6C7378) Hex(0066B8) Hex(001F38)

	Hex(DFE9F1)	Hex(E8F5FF)	Hex(DFE0F1)	Hex(6C7378)	Hex(0066B8)	Hex(001F38)
Hex(DFE9F1)		Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 3.91 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 13.62 Passed ⁶
Hex(E8F5FF)	Ratio: 1.11 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 4.34 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 15.11 Passed ⁶
Hex(DFE0F1)	Ratio: 1.06 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 3.68 AA 18pt ²	Ratio: 4.47 AA 18pt ²	Ratio: 12.83 Passed ⁶
Hex(6C7378)	Ratio: 3.91 AA 18pt ²	Ratio: 4.34 AA 18pt ²	Ratio: 3.68 AA 18pt ²		Ratio: 1.21 Failed ⁵	Ratio: 3.48 AA 18pt ²
Hex(0066B8)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 4.47 AA 18pt ²	Ratio: 1.21 Failed ⁵		Ratio: 2.87 Failed ⁵
Hex(001F38)	Ratio: 13.62 Passed ⁶	Ratio: 15.11 Passed ⁶	Ratio: 12.83 Passed ⁶	Ratio: 3.48 AA 18pt ²	Ratio: 2.87 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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