

Converting Colors - WCAG Matrix

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

Hex(EFF2FE) Hex(EDF1FF) Hex(F3EFFE) Hex(757880) Hex(002EBF) Hex(000F40)

	Hex(EFF2FE)	Hex(EDF1FF)	Hex(F3EFFE)	Hex(757880)	Hex(002EBF)	Hex(000F40)
Hex(EFF2FE)		Ratio: 1.01 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 8.77 Passed ⁶	Ratio: 16.46 Passed ⁶
Hex(EDF1FF)	Ratio: 1.01 Failed ⁵		Ratio: 1.00 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 8.69 Passed ⁶	Ratio: 16.31 Passed ⁶
Hex(F3EFFE)	Ratio: 1.01 Failed ⁵	Ratio: 1.00 Failed ⁵		Ratio: 3.91 AA 18pt ²	Ratio: 8.67 Passed ⁶	Ratio: 16.27 Passed ⁶
Hex(757880)	Ratio: 3.95 AA 18pt ²	Ratio: 3.92 AA 18pt ²	Ratio: 3.91 AA 18pt ²		Ratio: 2.22 Failed ⁵	Ratio: 4.16 AA 18pt ²
Hex(002EBF)	Ratio: 8.77 Passed ⁶	Ratio: 8.69 Passed ⁶	Ratio: 8.67 Passed ⁶	Ratio: 2.22 Failed ⁵		Ratio: 1.88 Failed ⁵
Hex(000F40)	Ratio: 16.46 Passed ⁶	Ratio: 16.31 Passed ⁶	Ratio: 16.27 Passed ⁶	Ratio: 4.16 AA 18pt ²	Ratio: 1.88 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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