

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(C5F2FC)	Hex(ACEDFC)	Hex(93E9FC)	Hex(79E4FC)	Hex(60E0FC)	Hex(47DBFC)	Hex(2ED7FC)	Hex(15D2FC)	Hex(00CEFC)
Hex(C5F2FC)		Ratio: 1.07 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 1.43 Failed ⁵	Ratio: 1.50 Failed ⁵	Ratio: 1.56 Failed ⁵
Hex(ACEDFC)	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.45 Failed ⁵
Hex(93E9FC)	Ratio: 1.14 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.07 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.36 Failed ⁵
Hex(79E4FC)	Ratio: 1.22 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.07 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.27 Failed ⁵
Hex(60E0FC)	Ratio: 1.29 Failed ⁵	Ratio: 1.20 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.06 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.21 Failed ⁵
Hex(47DBFC)	Ratio: 1.37 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.19 Failed ⁵	Ratio: 1.12 Failed ⁵	Ratio: 1.06 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.14 Failed ⁵
Hex(2ED7FC)	Ratio: 1.43 Failed ⁵	Ratio: 1.33 Failed ⁵	Ratio: 1.25 Failed ⁵	Ratio: 1.17 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(15D2FC)	Ratio: 1.50 Failed ⁵	Ratio: 1.40 Failed ⁵	Ratio: 1.31 Failed ⁵	Ratio: 1.23 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(00CEFC)	Ratio: 1.56 Failed ⁵	Ratio: 1.45 Failed ⁵	Ratio: 1.36 Failed ⁵	Ratio: 1.27 Failed ⁵	Ratio: 1.21 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 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.