

Converting Colors - WCAG Matrix

Web Content Accessibility Guidelines (WCAG) 2.0 - Color Matrix.									
	Hex(0099C2)	Hex(3DB5DE)	Hex(61CFFA)	Hex(82EDFF)	Hex(A1FFFF)	Hex(BFFFFF)	Hex(DEFFFF)	Hex(FCFFFF)	Hex(FFFFFF)
Hex(0099C2)		Ratio: 1.40 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.45 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 2.99 Failed ⁵	Ratio: 3.13 AA 18pt ²	Ratio: 3.30 AA 18pt ²	Ratio: 3.31 AA 18pt ²
Hex(3DB5DE)	Ratio: 1.40 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 2.24 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 2.37 Failed ⁵
Hex(61CFFA)	Ratio: 1.86 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.78 Failed ⁵
Hex(82EDFF)	Ratio: 2.45 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.35 Failed ⁵
Hex(A1FFFF)	Ratio: 2.88 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.15 Failed ⁵
Hex(BFFFFF)	Ratio: 2.99 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.11 Failed ⁵
Hex(DEFFFF)	Ratio: 3.13 AA 18pt ²	Ratio: 2.24 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.28 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.06 Failed ⁵
Hex(FCFFFF)	Ratio: 3.30 AA 18pt ²	Ratio: 2.36 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.14 Failed ⁵	Ratio: 1.10 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.01 Failed ⁵
Hex(FFFFFF)	Ratio: 3.31 AA 18pt ²	Ratio: 2.37 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 1.15 Failed ⁵	Ratio: 1.11 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 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.