

Converting Colors - WCAG Matrix

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

	Hex(008696)	Hex(FFFFFF)	Hex(57BCCC)	Hex(75D7E8)	Hex(92F4FF)	Hex(B0FFFF)	Hex(CDFFFF)	Hex(EBFFFF)
Hex(008696)		Ratio: 4.33 AA 18pt ²	Ratio: 1.95 Failed ⁵	Ratio: 2.61 Failed ⁵	Ratio: 3.42 AA 18pt ²	Ratio: 3.83 AA 18pt ²	Ratio: 3.99 AA 18pt ²	Ratio: 4.18 AA 18pt ²
Hex(FFFFFF)	Ratio: 4.33 AA 18pt ²		Ratio: 2.22 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.13 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.04 Failed ⁵
Hex(57BCCC)	Ratio: 1.95 Failed ⁵	Ratio: 2.22 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 2.14 Failed ⁵
Hex(75D7E8)	Ratio: 2.61 Failed ⁵	Ratio: 1.66 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(92F4FF)	Ratio: 3.42 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.12 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.22 Failed ⁵
Hex(B0FFFF)	Ratio: 3.83 AA 18pt ²	Ratio: 1.13 Failed ⁵	Ratio: 1.96 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.12 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(CDFFFF)	Ratio: 3.99 AA 18pt ²	Ratio: 1.09 Failed ⁵	Ratio: 2.04 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.16 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(EBFFFF)	Ratio: 4.18 AA 18pt ²	Ratio: 1.04 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 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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