

Converting Colors - WCAG Matrix

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

	Hex(34A0AD)	Hex(55BBC8)	Hex(73D7E4)	Hex(90F2FF)	Hex(AEFFFF)	Hex(CBFFFF)	Hex(E9FFFF)	Hex(FFFFFF)
Hex(34A0AD)		Ratio: 1.38 Failed ⁵	Ratio: 1.85 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 3.10 AA 18pt ²
Hex(55BBC8)	Ratio: 1.38 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 2.25 Failed ⁵
Hex(73D7E4)	Ratio: 1.85 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.30 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(90F2FF)	Ratio: 2.41 Failed ⁵	Ratio: 1.75 Failed ⁵	Ratio: 1.30 Failed ⁵		Ratio: 1.13 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(AEFFFF)	Ratio: 2.73 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.13 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.13 Failed ⁵
Hex(CBFFFF)	Ratio: 2.85 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 1.53 Failed ⁵	Ratio: 1.18 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 1.09 Failed ⁵
Hex(E9FFFF)	Ratio: 2.98 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.61 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.09 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 1.04 Failed ⁵
Hex(FFFFFF)	Ratio: 3.10 AA 18pt ²	Ratio: 2.25 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.29 Failed ⁵	Ratio: 1.13 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.

This PDF was generated on convertingcolors.com.