

Converting Colors - WCAG Matrix

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

	Hex(225054)	Hex(FFFFFF)	Hex(548185)	Hex(6E9CA0)	Hex(88B6BB)	Hex(A3D2D6)	Hex(BEEEF3)	Hex(DBFFFF)	Hex(F8FFFF)
Hex(225054)		Ratio: 8.96 Passed ⁶	Ratio: 2.07 Failed ⁵	Ratio: 2.96 Failed ⁵	Ratio: 4.03 AA 18pt ²	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 7.13 Passed ⁶	Ratio: 8.43 Passed ⁶	Ratio: 8.85 Passed ⁶
Hex(FFFFFF)	Ratio: 8.96 Passed ⁶		Ratio: 4.32 AA 18pt ²	Ratio: 3.03 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.65 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 1.06 Failed ⁵	Ratio: 1.01 Failed ⁵
Hex(548185)	Ratio: 2.07 Failed ⁵	Ratio: 4.32 AA 18pt ²		Ratio: 1.43 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 4.07 AA 18pt ²	Ratio: 4.27 AA 18pt ²
Hex(6E9CA0)	Ratio: 2.96 Failed ⁵	Ratio: 3.03 AA 18pt ²	Ratio: 1.43 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 2.41 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 2.99 Failed ⁵
Hex(88B6BB)	Ratio: 4.03 AA 18pt ²	Ratio: 2.22 Failed ⁵	Ratio: 1.95 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.19 Failed ⁵
Hex(A3D2D6)	Ratio: 5.44 AA ¹ AAA 18pt ⁴	Ratio: 1.65 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 1.84 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.31 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.63 Failed ⁵
Hex(BEEEF3)	Ratio: 7.13 Passed ⁶	Ratio: 1.26 Failed ⁵	Ratio: 3.44 AA 18pt ²	Ratio: 2.41 Failed ⁵	Ratio: 1.77 Failed ⁵	Ratio: 1.31 Failed ⁵		Ratio: 1.18 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(DBFFFF)	Ratio: 8.43 Passed ⁶	Ratio: 1.06 Failed ⁵	Ratio: 4.07 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.55 Failed ⁵	Ratio: 1.18 Failed ⁵		Ratio: 1.05 Failed ⁵
Hex(F8FFFF)	Ratio: 8.85 Passed ⁶	Ratio: 1.01 Failed ⁵	Ratio: 4.27 AA 18pt ²	Ratio: 2.99 Failed ⁵	Ratio: 2.19 Failed ⁵	Ratio: 1.63 Failed ⁵	Ratio: 1.24 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.

This PDF was generated on convertingcolors.com.