

Converting Colors - WCAG Matrix

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

	Hex(53537E)	Hex(6C6B98)	Hex(8684B3)	Hex(A09ECE)	Hex(BCB9EB)	Hex(D8D5FF)	Hex(F5F1FF)	Hex(FFFFFF)
Hex(53537E)		Ratio: 1.44 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.88 AA 18pt ²	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 7.23 Passed ⁶
Hex(6C6B98)	Ratio: 1.44 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 5.01 AA ¹ AAA 18pt ⁴
Hex(8684B3)	Ratio: 2.05 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.17 AA 18pt ²	Ratio: 3.52 AA 18pt ²
Hex(A09ECE)	Ratio: 2.85 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 2.28 Failed ⁵	Ratio: 2.54 Failed ⁵
Hex(BCB9EB)	Ratio: 3.88 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.32 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.86 Failed ⁵
Hex(D8D5FF)	Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 3.55 AA 18pt ²	Ratio: 2.49 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.32 Failed ⁵		Ratio: 1.27 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(F5F1FF)	Ratio: 6.51 AA ¹ AAA 18pt ⁴	Ratio: 4.51 AA ¹ AAA 18pt ⁴	Ratio: 3.17 AA 18pt ²	Ratio: 2.28 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.27 Failed ⁵		Ratio: 1.11 Failed ⁵
Hex(FFFFFF)	Ratio: 7.23 Passed ⁶	Ratio: 5.01 AA ¹ AAA 18pt ⁴	Ratio: 3.52 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.11 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.