

Converting Colors - WCAG Matrix

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

	Hex(141521)	Hex(F5F5FF)	Hex(3E3F4D)	Hex(565665)	Hex(6E6E7E)	Hex(878898)	Hex(A2A2B3)	Hex(BDBDCE)	Hex(D9D9EB)
Hex(141521)		Ratio: 16.73 Passed ⁶	Ratio: 1.75 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.62 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 7.21 Passed ⁶	Ratio: 9.78 Passed ⁶	Ratio: 13.01 Passed ⁶
Hex(F5F5FF)	Ratio: 16.73 Passed ⁶		Ratio: 9.58 Passed ⁶	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.32 Failed ⁵	Ratio: 1.71 Failed ⁵	Ratio: 1.29 Failed ⁵
Hex(3E3F4D)	Ratio: 1.75 Failed ⁵	Ratio: 9.58 Passed ⁶		Ratio: 1.44 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 7.45 Passed ⁶
Hex(565665)	Ratio: 2.51 Failed ⁵	Ratio: 6.65 AA ¹ AAA 18pt ⁴	Ratio: 1.44 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.89 AA 18pt ²	Ratio: 5.17 AA ¹ AAA 18pt ⁴
Hex(6E6E7E)	Ratio: 3.62 AA 18pt ²	Ratio: 4.62 AA ¹ AAA 18pt ⁴	Ratio: 2.07 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.70 Failed ⁵	Ratio: 3.59 AA 18pt ²
Hex(878898)	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.23 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.51 Failed ⁵
Hex(A2A2B3)	Ratio: 7.21 Passed ⁶	Ratio: 2.32 Failed ⁵	Ratio: 4.13 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.80 Failed ⁵
Hex(BDBDCE)	Ratio: 9.78 Passed ⁶	Ratio: 1.71 Failed ⁵	Ratio: 5.60 AA ¹ AAA 18pt ⁴	Ratio: 3.89 AA 18pt ²	Ratio: 2.70 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.33 Failed ⁵
Hex(D9D9EB)	Ratio: 13.01 Passed ⁶	Ratio: 1.29 Failed ⁵	Ratio: 7.45 Passed ⁶	Ratio: 5.17 AA ¹ AAA 18pt ⁴	Ratio: 3.59 AA 18pt ²	Ratio: 2.51 Failed ⁵	Ratio: 1.80 Failed ⁵	Ratio: 1.33 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.