

Converting Colors - WCAG Matrix

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

	Hex(BCE2FF)	Hex(A0C6E2)	Hex(85AAC6)	Hex(6B90AB)	Hex(517690)	Hex(375E76)	Hex(1D465E)	Hex(003046)	Hex(001B2F)	Hex(00021F)
Hex(BCE2FF)		Ratio: 1.32 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.49 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 7.40 Passed ⁶	Ratio: 10.23 Passed ⁶	Ratio: 12.91 Passed ⁶	Ratio: 15.03 Passed ⁶
Hex(A0C6E2)	Ratio: 1.32 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 2.69 Failed ⁵	Ratio: 3.86 AA 18pt ²	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 9.74 Passed ⁶	Ratio: 11.35 Passed ⁶
Hex(85AAC6)	Ratio: 1.81 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.83 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 7.15 Passed ⁶	Ratio: 8.33 Passed ⁶
Hex(6B90AB)	Ratio: 2.49 Failed ⁵	Ratio: 1.88 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.10 AA 18pt ²	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 6.03 AA ¹ AAA 18pt ⁴
Hex(517690)	Ratio: 3.56 AA 18pt ²	Ratio: 2.69 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 4.22 AA 18pt ²
Hex(375E76)	Ratio: 5.11 AA ¹ AAA 18pt ⁴	Ratio: 3.86 AA 18pt ²	Ratio: 2.83 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.53 Failed ⁵	Ratio: 2.94 Failed ⁵
Hex(1D465E)	Ratio: 7.40 Passed ⁶	Ratio: 5.58 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.03 Failed ⁵
Hex(003046)	Ratio: 10.23 Passed ⁶	Ratio: 7.72 Passed ⁶	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.10 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 1.47 Failed ⁵
Hex(001B2F)	Ratio: 12.91 Passed ⁶	Ratio: 9.74 Passed ⁶	Ratio: 7.15 Passed ⁶	Ratio: 5.18 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.53 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 1.16 Failed ⁵
Hex(00021F)	Ratio: 15.03 Passed ⁶	Ratio: 11.35 Passed ⁶	Ratio: 8.33 Passed ⁶	Ratio: 6.03 AA ¹ AAA 18pt ⁴	Ratio: 4.22 AA 18pt ²	Ratio: 2.94 Failed ⁵	Ratio: 2.03 Failed ⁵	Ratio: 1.47 Failed ⁵	Ratio: 1.16 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.