

Converting Colors - WCAG Matrix

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

	Hex(B7DDEB)	Hex(9CC1CF)	Hex(81A6B3)	Hex(678C99)	Hex(4E727F)	Hex(355A66)	Hex(1D424E)	Hex(012C37)	Hex(001821)	Hex(000009)
Hex(B7DDEB)		Ratio: 1.33 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.51 Failed ⁵	Ratio: 3.61 AA 18pt ²	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 7.50 Passed ⁶	Ratio: 10.27 Passed ⁶	Ratio: 12.63 Passed ⁶	Ratio: 14.50 Passed ⁶
Hex(9CC1CF)	Ratio: 1.33 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 2.71 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 7.72 Passed ⁶	Ratio: 9.49 Passed ⁶	Ratio: 10.90 Passed ⁶
Hex(81A6B3)	Ratio: 1.81 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.87 Failed ⁵	Ratio: 4.14 AA 18pt ²	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 8.01 Passed ⁶
Hex(678C99)	Ratio: 2.51 Failed ⁵	Ratio: 1.89 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.98 Failed ⁵	Ratio: 4.09 AA 18pt ²	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 5.76 AA ¹ AAA 18pt ⁴
Hex(4E727F)	Ratio: 3.61 AA 18pt ²	Ratio: 2.71 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.85 Failed ⁵	Ratio: 3.50 AA 18pt ²	Ratio: 4.02 AA 18pt ²
Hex(355A66)	Ratio: 5.19 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²	Ratio: 2.87 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 2.43 Failed ⁵	Ratio: 2.79 Failed ⁵
Hex(1D424E)	Ratio: 7.50 Passed ⁶	Ratio: 5.64 AA ¹ AAA 18pt ⁴	Ratio: 4.14 AA 18pt ²	Ratio: 2.98 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.37 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.93 Failed ⁵
Hex(012C37)	Ratio: 10.27 Passed ⁶	Ratio: 7.72 Passed ⁶	Ratio: 5.67 AA ¹ AAA 18pt ⁴	Ratio: 4.09 AA 18pt ²	Ratio: 2.85 Failed ⁵	Ratio: 1.98 Failed ⁵	Ratio: 1.37 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 1.41 Failed ⁵
Hex(001821)	Ratio: 12.63 Passed ⁶	Ratio: 9.49 Passed ⁶	Ratio: 6.97 AA ¹ AAA 18pt ⁴	Ratio: 5.02 AA ¹ AAA 18pt ⁴	Ratio: 3.50 AA 18pt ²	Ratio: 2.43 Failed ⁵	Ratio: 1.68 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 1.15 Failed ⁵
Hex(000009)	Ratio: 14.50 Passed ⁶	Ratio: 10.90 Passed ⁶	Ratio: 8.01 Passed ⁶	Ratio: 5.76 AA ¹ AAA 18pt ⁴	Ratio: 4.02 AA 18pt ²	Ratio: 2.79 Failed ⁵	Ratio: 1.93 Failed ⁵	Ratio: 1.41 Failed ⁵	Ratio: 1.15 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.