

Converting Colors - WCAG Matrix

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

	Hex(9DCCE4)	Hex(82B1C8)	Hex(6796AD)	Hex(4D7C92)	Hex(336378)	Hex(164B5F)	Hex(003548)	Hex(001F31)	Hex(00021D)	Hex(000000)
Hex(9DCCE4)		Ratio: 1.34 Failed ⁵	Ratio: 1.86 Failed ⁵	Ratio: 2.64 Failed ⁵	Ratio: 3.81 AA 18pt ²	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 7.61 Passed ⁶	Ratio: 9.83 Passed ⁶	Ratio: 11.88 Passed ⁶	Ratio: 12.19 Passed ⁶
Hex(82B1C8)	Ratio: 1.34 Failed ⁵		Ratio: 1.39 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 2.84 Failed ⁵	Ratio: 4.11 AA 18pt ²	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 7.31 Passed ⁶	Ratio: 8.84 Passed ⁶	Ratio: 9.07 Passed ⁶
Hex(6796AD)	Ratio: 1.86 Failed ⁵	Ratio: 1.39 Failed ⁵		Ratio: 1.42 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 2.97 Failed ⁵	Ratio: 4.08 AA 18pt ²	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 6.54 AA ¹ AAA 18pt ⁴
Hex(4D7C92)	Ratio: 2.64 Failed ⁵	Ratio: 1.97 Failed ⁵	Ratio: 1.42 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 3.72 AA 18pt ²	Ratio: 4.49 AA 18pt ²	Ratio: 4.61 AA ¹ AAA 18pt ⁴
Hex(336378)	Ratio: 3.81 AA 18pt ²	Ratio: 2.84 Failed ⁵	Ratio: 2.05 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.45 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 2.58 Failed ⁵	Ratio: 3.11 AA 18pt ²	Ratio: 3.20 AA 18pt ²
Hex(164B5F)	Ratio: 5.53 AA ¹ AAA 18pt ⁴	Ratio: 4.11 AA 18pt ²	Ratio: 2.97 Failed ⁵	Ratio: 2.09 Failed ⁵	Ratio: 1.45 Failed ⁵		Ratio: 1.38 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 2.15 Failed ⁵	Ratio: 2.21 Failed ⁵
Hex(003548)	Ratio: 7.61 Passed ⁶	Ratio: 5.66 AA ¹ AAA 18pt ⁴	Ratio: 4.08 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 1.99 Failed ⁵	Ratio: 1.38 Failed ⁵		Ratio: 1.29 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.60 Failed ⁵
Hex(001F31)	Ratio: 9.83 Passed ⁶	Ratio: 7.31 Passed ⁶	Ratio: 5.27 AA ¹ AAA 18pt ⁴	Ratio: 3.72 AA 18pt ²	Ratio: 2.58 Failed ⁵	Ratio: 1.78 Failed ⁵	Ratio: 1.29 Failed ⁵		Ratio: 1.21 Failed ⁵	Ratio: 1.24 Failed ⁵
Hex(00021D)	Ratio: 11.88 Passed ⁶	Ratio: 8.84 Passed ⁶	Ratio: 6.37 AA ¹ AAA 18pt ⁴	Ratio: 4.49 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 2.15 Failed ⁵	Ratio: 1.56 Failed ⁵	Ratio: 1.21 Failed ⁵		Ratio: 1.03 Failed ⁵
Hex(000000)	Ratio: 12.19 Passed ⁶	Ratio: 9.07 Passed ⁶	Ratio: 6.54 AA ¹ AAA 18pt ⁴	Ratio: 4.61 AA ¹ AAA 18pt ⁴	Ratio: 3.20 AA 18pt ²	Ratio: 2.21 Failed ⁵	Ratio: 1.60 Failed ⁵	Ratio: 1.24 Failed ⁵	Ratio: 1.03 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.