

Converting Colors - WCAG Matrix

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

	Hex(ADFF0)	Hex(91E2D3)	Hex(76C6B8)	Hex(5AAB9D)	Hex(3F9083)	Hex(21766A)	Hex(005D52)	Hex(00453B)	Hex(002E25)	Hex(001910)
Hex(ADFF0)		Ratio: 1.31 Failed ⁵	Ratio: 1.74 Failed ⁵	Ratio: 2.37 Failed ⁵	Ratio: 3.32 AA 18pt ²	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 9.58 Passed ⁶	Ratio: 12.94 Passed ⁶	Ratio: 15.99 Passed ⁶
Hex(91E2D3)	Ratio: 1.31 Failed ⁵		Ratio: 1.33 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 3.63 AA 18pt ²	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 7.33 Passed ⁶	Ratio: 9.89 Passed ⁶	Ratio: 12.23 Passed ⁶
Hex(76C6B8)	Ratio: 1.74 Failed ⁵	Ratio: 1.33 Failed ⁵		Ratio: 1.36 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.92 AA 18pt ²	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 7.44 Passed ⁶	Ratio: 9.19 Passed ⁶
Hex(5AAB9D)	Ratio: 2.37 Failed ⁵	Ratio: 1.81 Failed ⁵	Ratio: 1.36 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 2.88 Failed ⁵	Ratio: 4.05 AA 18pt ²	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 6.76 AA ¹ AAA 18pt ⁴
Hex(3F9083)	Ratio: 3.32 AA 18pt ²	Ratio: 2.54 Failed ⁵	Ratio: 1.91 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.43 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 2.89 Failed ⁵	Ratio: 3.90 AA 18pt ²	Ratio: 4.82 AA ¹ AAA 18pt ⁴
Hex(21766A)	Ratio: 4.75 AA ¹ AAA 18pt ⁴	Ratio: 3.63 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.43 Failed ⁵		Ratio: 1.44 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 2.73 Failed ⁵	Ratio: 3.37 AA 18pt ²
Hex(005D52)	Ratio: 6.82 AA ¹ AAA 18pt ⁴	Ratio: 5.22 AA ¹ AAA 18pt ⁴	Ratio: 3.92 AA 18pt ²	Ratio: 2.88 Failed ⁵	Ratio: 2.06 Failed ⁵	Ratio: 1.44 Failed ⁵		Ratio: 1.40 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 2.34 Failed ⁵
Hex(00453B)	Ratio: 9.58 Passed ⁶	Ratio: 7.33 Passed ⁶	Ratio: 5.51 AA ¹ AAA 18pt ⁴	Ratio: 4.05 AA 18pt ²	Ratio: 2.89 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.40 Failed ⁵		Ratio: 1.35 Failed ⁵	Ratio: 1.67 Failed ⁵
Hex(002E25)	Ratio: 12.94 Passed ⁶	Ratio: 9.89 Passed ⁶	Ratio: 7.44 Passed ⁶	Ratio: 5.46 AA ¹ AAA 18pt ⁴	Ratio: 3.90 AA 18pt ²	Ratio: 2.73 Failed ⁵	Ratio: 1.90 Failed ⁵	Ratio: 1.35 Failed ⁵		Ratio: 1.24 Failed ⁵
Hex(001910)	Ratio: 15.99 Passed ⁶	Ratio: 12.23 Passed ⁶	Ratio: 9.19 Passed ⁶	Ratio: 6.76 AA ¹ AAA 18pt ⁴	Ratio: 4.82 AA ¹ AAA 18pt ⁴	Ratio: 3.37 AA 18pt ²	Ratio: 2.34 Failed ⁵	Ratio: 1.67 Failed ⁵	Ratio: 1.24 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.