

Converting Colors - WCAG Matrix

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

Hex(648DF5) Hex(D1DEFF) Hex(64F5CC) Hex(636B80) Hex(000000) Hex(808080)

	Hex(648DF5)	Hex(D1DEFF)	Hex(64F5CC)	Hex(636B80)	Hex(000000)	Hex(808080)
Hex(648DF5)		Ratio: 2.34 Failed ⁵	Ratio: 2.32 Failed ⁵	Ratio: 1.69 Failed ⁵	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 1.25 Failed ⁵
Hex(D1DEFF)	Ratio: 2.34 Failed ⁵		Ratio: 1.01 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 15.60 Passed ⁶	Ratio: 2.93 Failed ⁵
Hex(64F5CC)	Ratio: 2.32 Failed ⁵	Ratio: 1.01 Failed ⁵		Ratio: 3.92 AA 18pt ²	Ratio: 15.47 Passed ⁶	Ratio: 2.91 Failed ⁵
Hex(636B80)	Ratio: 1.69 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.92 AA 18pt ²		Ratio: 3.95 AA 18pt ²	Ratio: 1.35 Failed ⁵
Hex(000000)	Ratio: 6.67 AA ¹ AAA 18pt ⁴	Ratio: 15.60 Passed ⁶	Ratio: 15.47 Passed ⁶	Ratio: 3.95 AA 18pt ²		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 1.25 Failed ⁵	Ratio: 2.93 Failed ⁵	Ratio: 2.91 Failed ⁵	Ratio: 1.35 Failed ⁵	Ratio: 5.32 AA ¹ AAA 18pt ⁴	

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.