

Converting Colors - WCAG Matrix

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

Hex(4782B5) Hex(BFD6EB) Hex(47B578) Hex(5C6975) Hex(F5F5F5) Hex(757575)

	Hex(4782B5)	Hex(BFD6EB)	Hex(47B578)	Hex(5C6975)	Hex(F5F5F5)	Hex(757575)
Hex(4782B5)		Ratio: 2.74 Failed ⁵	Ratio: 1.59 Failed ⁵	Ratio: 1.37 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.13 Failed ⁵
Hex(BFD6EB)	Ratio: 2.74 Failed ⁵		Ratio: 1.72 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 3.08 AA 18pt ²
Hex(47B578)	Ratio: 1.59 Failed ⁵	Ratio: 1.72 Failed ⁵		Ratio: 2.18 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 1.79 Failed ⁵
Hex(5C6975)	Ratio: 1.37 Failed ⁵	Ratio: 3.76 AA 18pt ²	Ratio: 2.18 Failed ⁵		Ratio: 5.16 AA ¹ AAA 18pt ⁴	Ratio: 1.22 Failed ⁵
Hex(F5F5F5)	Ratio: 3.76 AA 18pt ²	Ratio: 1.37 Failed ⁵	Ratio: 2.36 Failed ⁵	Ratio: 5.16 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.13 Failed ⁵	Ratio: 3.08 AA 18pt ²	Ratio: 1.79 Failed ⁵	Ratio: 1.22 Failed ⁵	Ratio: 4.23 AA 18pt ²	

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.

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