

Converting Colors - WCAG Matrix

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

Hex(0840B4) Hex(A7BDEB) Hex(08B47B) Hex(4C5A75) Hex(F5F5F5) Hex(757575)

	Hex(0840B4)	Hex(A7BDEB)	Hex(08B47B)	Hex(4C5A75)	Hex(F5F5F5)	Hex(757575)
Hex(0840B4)		Ratio: 4.63 AA ¹ AAA 18pt ⁴	Ratio: 3.26 AA 18pt ²	Ratio: 1.26 Failed ⁵	Ratio: 8.02 Passed ⁶	Ratio: 1.90 Failed ⁵
Hex(A7BDEB)	Ratio: 4.63 AA ¹ AAA 18pt ⁴		Ratio: 1.42 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 1.73 Failed ⁵	Ratio: 2.44 Failed ⁵
Hex(08B47B)	Ratio: 3.26 AA 18pt ²	Ratio: 1.42 Failed ⁵		Ratio: 2.59 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 1.72 Failed ⁵
Hex(4C5A75)	Ratio: 1.26 Failed ⁵	Ratio: 3.67 AA 18pt ²	Ratio: 2.59 Failed ⁵		Ratio: 6.36 AA ¹ AAA 18pt ⁴	Ratio: 1.51 Failed ⁵
Hex(F5F5F5)	Ratio: 8.02 Passed ⁶	Ratio: 1.73 Failed ⁵	Ratio: 2.46 Failed ⁵	Ratio: 6.36 AA ¹ AAA 18pt ⁴		Ratio: 4.23 AA 18pt ²
Hex(757575)	Ratio: 1.90 Failed ⁵	Ratio: 2.44 Failed ⁵	Ratio: 1.72 Failed ⁵	Ratio: 1.51 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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