

Converting Colors - WCAG Matrix

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

Hex(B1C8EA) Hex(EDF4FF) Hex(B1EAD2) Hex(757980) Hex(000000) Hex(808080)

	Hex(B1C8EA)	Hex(EDF4FF)	Hex(B1EAD2)	Hex(757980)	Hex(000000)	Hex(808080)
Hex(B1C8EA)		Ratio: 1.54 Failed ⁵	Ratio: 1.26 Failed ⁵	Ratio: 2.56 Failed ⁵	Ratio: 12.32 Passed ⁶	Ratio: 2.32 Failed ⁵
Hex(EDF4FF)	Ratio: 1.54 Failed ⁵		Ratio: 1.22 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 18.99 Passed ⁶	Ratio: 3.57 AA 18pt ²
Hex(B1EAD2)	Ratio: 1.26 Failed ⁵	Ratio: 1.22 Failed ⁵		Ratio: 3.24 AA 18pt ²	Ratio: 15.57 Passed ⁶	Ratio: 2.93 Failed ⁵
Hex(757980)	Ratio: 2.56 Failed ⁵	Ratio: 3.95 AA 18pt ²	Ratio: 3.24 AA 18pt ²		Ratio: 4.80 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 12.32 Passed ⁶	Ratio: 18.99 Passed ⁶	Ratio: 15.57 Passed ⁶	Ratio: 4.80 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.32 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 2.93 Failed ⁵	Ratio: 1.11 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.

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