

Converting Colors - WCAG Matrix

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

Hex(B6F3F2) Hex(EBFFFF) Hex(B8F3B6) Hex(73807F) Hex(000000) Hex(808080)

	Hex(B6F3F2)	Hex(EBFFFF)	Hex(B8F3B6)	Hex(73807F)	Hex(000000)	Hex(808080)
Hex(B6F3F2)		Ratio: 1.19 Failed ⁵	Ratio: 1.03 Failed ⁵	Ratio: 3.34 AA 18pt ²	Ratio: 17.09 Passed ⁶	Ratio: 3.21 AA 18pt ²
Hex(EBFFFF)	Ratio: 1.19 Failed ⁵		Ratio: 1.23 Failed ⁵	Ratio: 3.96 AA 18pt ²	Ratio: 20.28 Passed ⁶	Ratio: 3.81 AA 18pt ²
Hex(B8F3B6)	Ratio: 1.03 Failed ⁵	Ratio: 1.23 Failed ⁵		Ratio: 3.23 AA 18pt ²	Ratio: 16.53 Passed ⁶	Ratio: 3.11 AA 18pt ²
Hex(73807F)	Ratio: 3.34 AA 18pt ²	Ratio: 3.96 AA 18pt ²	Ratio: 3.23 AA 18pt ²		Ratio: 5.12 AA ¹ AAA 18pt ⁴	Ratio: 1.04 Failed ⁵
Hex(000000)	Ratio: 17.09 Passed ⁶	Ratio: 20.28 Passed ⁶	Ratio: 16.53 Passed ⁶	Ratio: 5.12 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 3.21 AA 18pt ²	Ratio: 3.81 AA 18pt ²	Ratio: 3.11 AA 18pt ²	Ratio: 1.04 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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