

Converting Colors - WCAG Matrix

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

Hex(B0E2CB) Hex(BAFFDF) Hex(B0E1E2) Hex(65706B) Hex(00B05E) Hex(00301A)

	Hex(B0E2CB)	Hex(BAFFDF)	Hex(B0E1E2)	Hex(65706B)	Hex(00B05E)	Hex(00301A)
Hex(B0E2CB)		Ratio: 1.27 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.57 AA 18pt ²	Ratio: 1.98 Failed ⁵	Ratio: 10.15 Passed ⁶
Hex(BAFFDF)	Ratio: 1.27 Failed ⁵		Ratio: 1.25 Failed ⁵	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 2.50 Failed ⁵	Ratio: 12.84 Passed ⁶
Hex(B0E1E2)	Ratio: 1.01 Failed ⁵	Ratio: 1.25 Failed ⁵		Ratio: 3.60 AA 18pt ²	Ratio: 2.00 Failed ⁵	Ratio: 10.24 Passed ⁶
Hex(65706B)	Ratio: 3.57 AA 18pt ²	Ratio: 4.52 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²		Ratio: 1.81 Failed ⁵	Ratio: 2.84 Failed ⁵
Hex(00B05E)	Ratio: 1.98 Failed ⁵	Ratio: 2.50 Failed ⁵	Ratio: 2.00 Failed ⁵	Ratio: 1.81 Failed ⁵		Ratio: 5.13 AA ¹ AAA 18pt ⁴
Hex(00301A)	Ratio: 10.15 Passed ⁶	Ratio: 12.84 Passed ⁶	Ratio: 10.24 Passed ⁶	Ratio: 2.84 Failed ⁵	Ratio: 5.13 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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