

Converting Colors - WCAG Matrix

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

Hex(B3E1C3) Hex(BFFFD5) Hex(B3E1D9) Hex(657069) Hex(00B03D) Hex(003011)

	Hex(B3E1C3)	Hex(BFFFD5)	Hex(B3E1D9)	Hex(657069)	Hex(00B03D)	Hex(003011)
Hex(B3E1C3)		Ratio: 1.28 Failed ⁵	Ratio: 1.01 Failed ⁵	Ratio: 3.55 AA 18pt ²	Ratio: 1.99 Failed ⁵	Ratio: 10.12 Passed ⁶
Hex(BFFFD5)	Ratio: 1.28 Failed ⁵		Ratio: 1.26 Failed ⁵	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 2.54 Failed ⁵	Ratio: 12.92 Passed ⁶
Hex(B3E1D9)	Ratio: 1.01 Failed ⁵	Ratio: 1.26 Failed ⁵		Ratio: 3.60 AA 18pt ²	Ratio: 2.02 Failed ⁵	Ratio: 10.27 Passed ⁶
Hex(657069)	Ratio: 3.55 AA 18pt ²	Ratio: 4.53 AA ¹ AAA 18pt ⁴	Ratio: 3.60 AA 18pt ²		Ratio: 1.79 Failed ⁵	Ratio: 2.85 Failed ⁵
Hex(00B03D)	Ratio: 1.99 Failed ⁵	Ratio: 2.54 Failed ⁵	Ratio: 2.02 Failed ⁵	Ratio: 1.79 Failed ⁵		Ratio: 5.09 AA ¹ AAA 18pt ⁴
Hex(003011)	Ratio: 10.12 Passed ⁶	Ratio: 12.92 Passed ⁶	Ratio: 10.27 Passed ⁶	Ratio: 2.85 Failed ⁵	Ratio: 5.09 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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