

Converting Colors - WCAG Matrix

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

Hex(B1FEBE) Hex(A3FFB3) Hex(B1FEE4) Hex(738075) Hex(00BF20) Hex(00400B)

	Hex(B1FEBE)	Hex(A3FFB3)	Hex(B1FEE4)	Hex(738075)	Hex(00BF20)	Hex(00400B)
Hex(B1FEBE)		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.51 AA 18pt ²	Ratio: 2.10 Failed ⁵	Ratio: 10.23 Passed ⁶
Hex(A3FFB3)	Ratio: 1.02 Failed ⁵		Ratio: 1.04 Failed ⁵	Ratio: 3.45 AA 18pt ²	Ratio: 2.07 Failed ⁵	Ratio: 10.07 Passed ⁶
Hex(B1FEE4)	Ratio: 1.02 Failed ⁵	Ratio: 1.04 Failed ⁵		Ratio: 3.58 AA 18pt ²	Ratio: 2.14 Failed ⁵	Ratio: 10.45 Passed ⁶
Hex(738075)	Ratio: 3.51 AA 18pt ²	Ratio: 3.45 AA 18pt ²	Ratio: 3.58 AA 18pt ²		Ratio: 1.67 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(00BF20)	Ratio: 2.10 Failed ⁵	Ratio: 2.07 Failed ⁵	Ratio: 2.14 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 4.87 AA ¹ AAA 18pt ⁴
Hex(00400B)	Ratio: 10.23 Passed ⁶	Ratio: 10.07 Passed ⁶	Ratio: 10.45 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 4.87 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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