

Converting Colors - WCAG Matrix

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

Hex(B4FFC4) Hex(A6FFB9) Hex(B4FFE9) Hex(738075) Hex(00BF29) Hex(00400E)

	Hex(B4FFC4)	Hex(A6FFB9)	Hex(B4FFE9)	Hex(738075)	Hex(00BF29)	Hex(00400E)
Hex(B4FFC4)		Ratio: 1.02 Failed ⁵	Ratio: 1.02 Failed ⁵	Ratio: 3.56 AA 18pt ²	Ratio: 2.13 Failed ⁵	Ratio: 10.37 Passed ⁶
Hex(A6FFB9)	Ratio: 1.02 Failed ⁵		Ratio: 1.05 Failed ⁵	Ratio: 3.47 AA 18pt ²	Ratio: 2.08 Failed ⁵	Ratio: 10.13 Passed ⁶
Hex(B4FFE9)	Ratio: 1.02 Failed ⁵	Ratio: 1.05 Failed ⁵		Ratio: 3.63 AA 18pt ²	Ratio: 2.17 Failed ⁵	Ratio: 10.59 Passed ⁶
Hex(738075)	Ratio: 3.56 AA 18pt ²	Ratio: 3.47 AA 18pt ²	Ratio: 3.63 AA 18pt ²		Ratio: 1.67 Failed ⁵	Ratio: 2.92 Failed ⁵
Hex(00BF29)	Ratio: 2.13 Failed ⁵	Ratio: 2.08 Failed ⁵	Ratio: 2.17 Failed ⁵	Ratio: 1.67 Failed ⁵		Ratio: 4.88 AA ¹ AAA 18pt ⁴
Hex(00400E)	Ratio: 10.37 Passed ⁶	Ratio: 10.13 Passed ⁶	Ratio: 10.59 Passed ⁶	Ratio: 2.92 Failed ⁵	Ratio: 4.88 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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