

Converting Colors - WCAG Matrix

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

Hex(1EE1BE) Hex(BDFFF4) Hex(42E11E) Hex(588079) Hex(000000) Hex(808080)

	Hex(1EE1BE)	Hex(BDFFF4)	Hex(42E11E)	Hex(588079)	Hex(000000)	Hex(808080)
Hex(1EE1BE)		Ratio: 1.49 Failed ⁵	Ratio: 1.05 Failed ⁵	Ratio: 2.63 Failed ⁵	Ratio: 12.57 Passed ⁶	Ratio: 2.36 Failed ⁵
Hex(BDFFF4)	Ratio: 1.49 Failed ⁵		Ratio: 1.56 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 18.77 Passed ⁶	Ratio: 3.53 AA 18pt ²
Hex(42E11E)	Ratio: 1.05 Failed ⁵	Ratio: 1.56 Failed ⁵		Ratio: 2.52 Failed ⁵	Ratio: 12.02 Passed ⁶	Ratio: 2.26 Failed ⁵
Hex(588079)	Ratio: 2.63 Failed ⁵	Ratio: 3.93 AA 18pt ²	Ratio: 2.52 Failed ⁵		Ratio: 4.78 AA ¹ AAA 18pt ⁴	Ratio: 1.11 Failed ⁵
Hex(000000)	Ratio: 12.57 Passed ⁶	Ratio: 18.77 Passed ⁶	Ratio: 12.02 Passed ⁶	Ratio: 4.78 AA ¹ AAA 18pt ⁴		Ratio: 5.32 AA ¹ AAA 18pt ⁴
Hex(808080)	Ratio: 2.36 Failed ⁵	Ratio: 3.53 AA 18pt ²	Ratio: 2.26 Failed ⁵	Ratio: 1.11 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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