

Converting Colors

RGB(171, 254, 228)

Have a look what the booklet for
RGB(171, 254, 228) contains.

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Color

RGB(171, 254, 228)

Conversions

Conversions Part 1

Format	Color
Hex	ABFEE4
RGB	171, 254, 228
RGB Percent	67%, 100%, 89%
CMY	0.3294, 0.0039, 0.1059
CMYK	0.33, 0.00, 0.10, 0.00
HSL	161°, 98%, 83%
HSV	161°, 33%, 100%
XYZ	66.2400, 85.1430, 86.3418
YIQ	226.2190, -41.1220, -25.6820

Conversions

Conversions Part 2

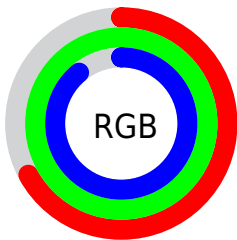
Format	Color
RYB	171, 220, 254
Decimal	11271908
CIELab	93.94, -30.60, 4.44
CIELCh	94, 30.921, 171.742
Yxy	85.1430, 0.2786, 0.3582
Android (android.graphics.Color)	4289461988 (0xFFABFEE4)
YUV	226.2190, 0.8780, -48.4271
Hunter-Lab	92.2730, -33.3379, 9.1121

Details

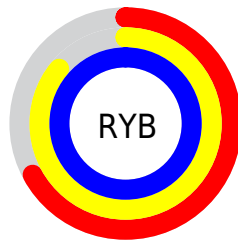
The RGB color **171, 254, 228** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **254, 171, 197**, and the grayscale version is **226, 226, 226**.

A 20% lighter version of the original color is **228, 255, 255**, and **116, 197, 173** is the 20% darker color. If you saturate the color by 10%, you get **146, 254, 220**, and if you desaturate by 10%, it is **196, 254, 236**.

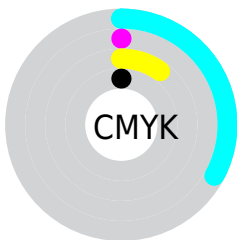
Distribution



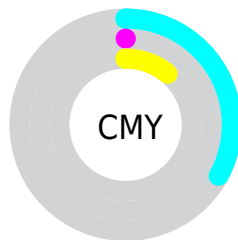
- Red (67%)
- Green (100%)
- Blue (89%)



- Red (67%)
- Yellow (86%)
- Blue (100%)



- Cyan (33%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)



- Cyan (33%)
- Magenta (0%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 171, 254, 228 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 171, 254, 228 by changing the saturation by 10% instead.

 171, 254, 228


255, 255, 255


 228, 255, 255

 171, 254, 228

 143, 225, 200

 116, 197, 173

 88, 170, 146

 61, 143, 120

 31, 117, 96

 0, 92, 72

 0, 68, 50

 0, 45, 29

 0, 22, 3

■ 171, 254, 228

■ 171, 254, 228

■ 146, 254, 220

■ 196, 254, 236

■ 120, 254, 212

■ 222, 254, 244

■ 95, 254, 204

■ 247, 254, 252

■ 69, 254, 196

255, 254, 255

■ 44, 254, 188

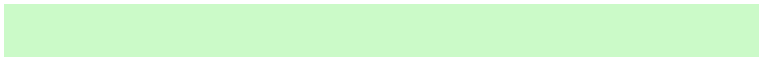
■ 19, 254, 180

■ 0, 254, 174

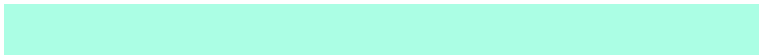
Harmonies

Analogous

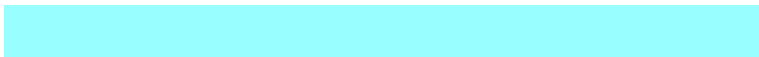
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



203, 250, 200



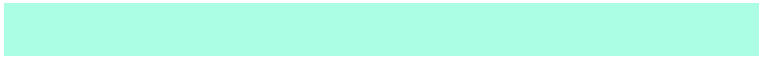
171, 254, 228



152, 254, 255

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



171, 254, 228



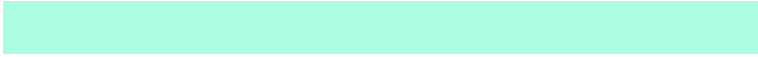
231, 233, 255



255, 223, 192

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



171, 254, 228



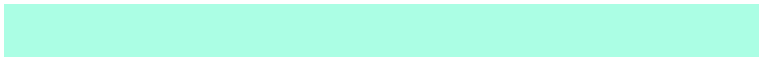
254, 171, 197

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 217, 217



171, 254, 228



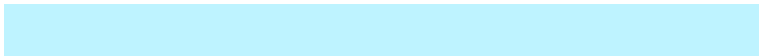
255, 223, 255

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171, 254, 228



190, 243, 255



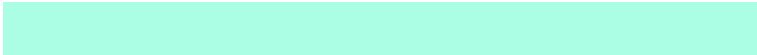
255, 217, 247



255, 233, 179

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



171, 254, 228



153, 252, 255



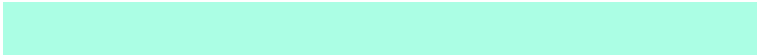
255, 217, 247



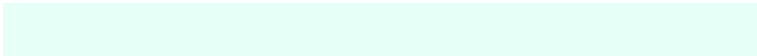
255, 221, 199

Sweetspot

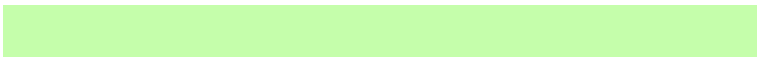
The Sweet Spot groups the original color and five complimentary colors.



171, 254, 228



230, 255, 247



197, 254, 171



112, 128, 123



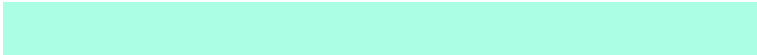
0, 0, 0



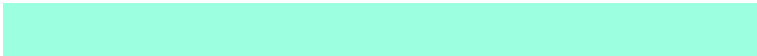
128, 128, 128

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



171, 254, 228



156, 255, 224



171, 239, 254



115, 128, 124



0, 191, 131



0, 64, 44

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



254, 171, 197



255, 156, 187



254, 186, 171



128, 115, 119



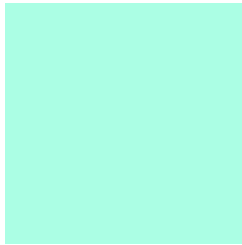
191, 0, 60



64, 0, 20

Previews

White Background



This preview shows how the RGB color 171, 254, 228 looks on a white background.

Color Contrast Check

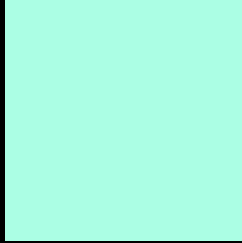
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 171, 254, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

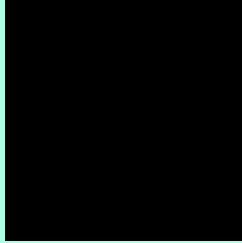
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

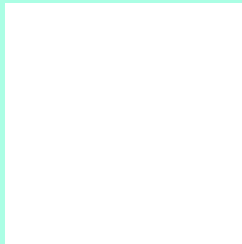
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 171, 254, 228 Background



This preview shows how black text looks on a background with the RGB color 171, 254, 228.

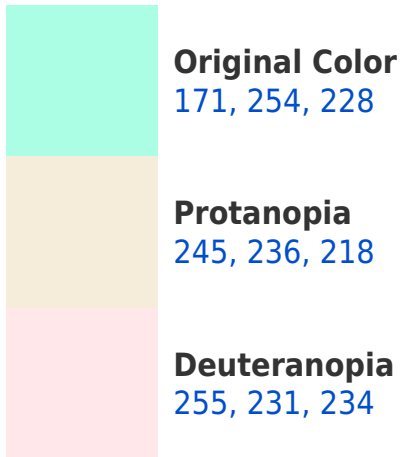


This preview shows how white text looks on a background with the RGB color 171, 254, 228.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





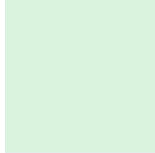
Tritanopia
207, 243, 255

Trichromacy



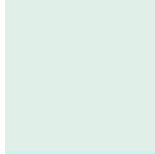
Original Color

171, 254, 228



Protanomaly

218, 243, 222



Deuteranomaly

224, 239, 232



Tritanomaly

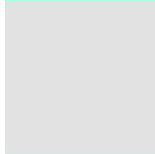
194, 247, 245

Monochromacy



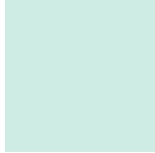
Original Color

171, 254, 228



Achromatopsia

226, 226, 226



Achromatomaly

206, 236, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 171, 254, 228 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 254, 228)` looks like.

```
.text, #text, p{  
    color:rgb(171, 254, 228)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 254, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 254, 228) }
```

Border

The CSS property to change the border of an element to RGB 171, 254, 228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 254, 228) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 254, 228) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 254, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 254, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 254, 228);  
box-shadow:4px 4px 4px 4px rgb(171, 254,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 171, 254, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 254, 228) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
254, 228) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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