

Converting Colors

RGB(127, 244, 170)

Have a look what the booklet for
RGB(127, 244, 170) contains.

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Color

RGB(127, 244, 170)

Conversions

Conversions Part 1

Format	Color
Hex	7FF4AA
RGB	127, 244, 170
RGB Percent	50%, 96%, 67%
CMY	0.5020, 0.0431, 0.3333
CMYK	0.48, 0.00, 0.30, 0.04
HSL	142°, 84%, 73%
HSV	142°, 48%, 96%
XYZ	48.3588, 72.1157, 49.4012
YIQ	200.5810, -45.9780, -47.8180

Conversions

Conversions Part 2

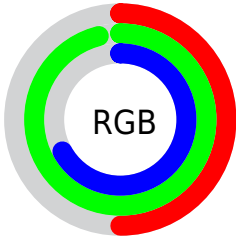
Format	Color
RYB	127, 213, 244
Decimal	8385706
CIELab	88.02, -49.22, 25.67
CIELCh	88, 55.511, 152.455
Yxy	72.1157, 0.2847, 0.4245
Android (android.graphics.Color)	4286575786 (0xFF7FF4AA)
YUV	200.5810, -15.0764, -64.5305
Hunter-Lab	84.9209, -46.9637, 24.9538

Details

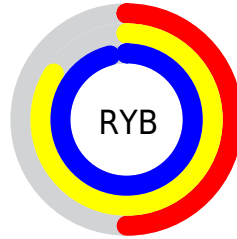
The RGB color **127, 244, 170** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **244, 127, 201**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **185, 255, 226**, and **67, 187, 117** is the 20% darker color. If you saturate the color by 10%, you get **103, 244, 155**, and if you desaturate by 10%, it is **151, 244, 185**.

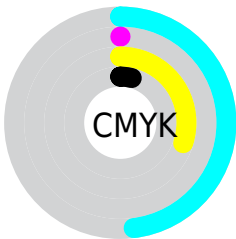
Distribution



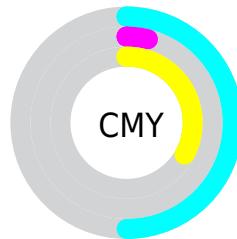
- Red (50%)
- Green (96%)
- Blue (67%)



- Red (50%)
- Yellow (84%)
- Blue (96%)



- Cyan (48%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (50%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 127, 244, 170 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 127, 244, 170 by changing the saturation by 10% instead.

 127, 244, 170

255, 255, 255


 185, 255, 226


 215, 255, 254


 245, 255, 255


 127, 244, 170


 98, 215, 143

 67, 187, 117

 30, 159, 92

 0, 133, 68

 0, 107, 45

 0, 81, 22

 0, 57, 0


 0, 35, 0

 0, 0, 0

 127, 244, 170

 127, 244, 170

 103, 244, 155

 151, 244, 185

 78, 244, 139

 176, 244, 201

 54, 244, 124

 200, 244, 216

 29, 244, 108

 225, 244, 232

 5, 244, 93

 249, 244, 247

 0, 244, 90

 255, 244, 255

Harmonies

Analogous

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



194, 234, 129



127, 244, 170



0, 248, 224

Triad

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



127, 244, 170



142, 225, 255



255, 184, 167

Complementary

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



127, 244, 170



244, 127, 201

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, 177, 218



127, 244, 170



231, 205, 255

Square

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



127, 244, 170



0, 239, 255



255, 186, 255



255, 200, 128

Rectangle

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



127, 244, 170



0, 248, 255



255, 186, 255



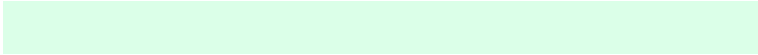
255, 180, 183

Sweetspot

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



127, 244, 170



219, 255, 232



201, 244, 127



106, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



127, 244, 170



107, 255, 161



127, 244, 228



110, 122, 115



0, 186, 68



0, 59, 22

Inverse Universe

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



244, 127, 201



255, 107, 201



244, 127, 143



122, 110, 118



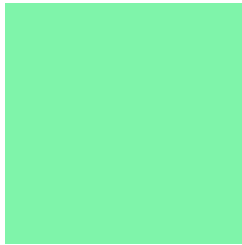
186, 0, 118



59, 0, 37

Previews

White Background



This preview shows how the RGB color 127, 244, 170 looks on a white background.

Color Contrast Check

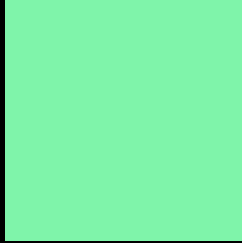
Large Text (above 18pt) WCAG AA × Fail

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 127, 244, 170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

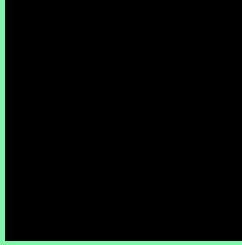
Any Text WCAG AA ✓ Pass

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 127, 244, 170 Background



This preview shows how black text looks on a background with the RGB color 127, 244, 170.

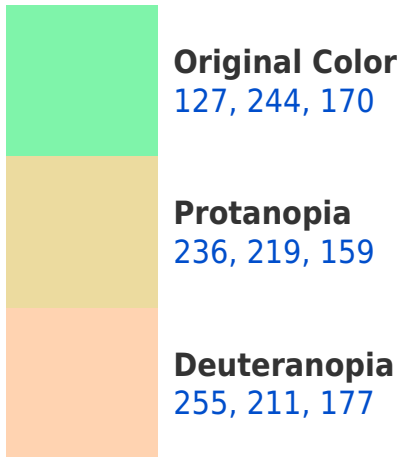


This preview shows how white text looks on a background with the RGB color 127, 244, 170.

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





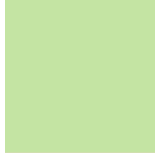
Tritanopia
147, 234, 252

Trichromacy



Original Color

127, 244, 170



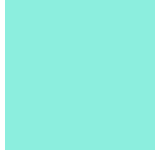
Protanomaly

196, 228, 163



Deuteranomaly

208, 223, 174



Tritanomaly

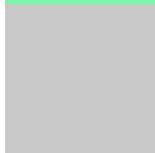
140, 238, 222

Monochromacy



Original Color

127, 244, 170



Achromatopsia

201, 201, 201



Achromatomaly

174, 217, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 127, 244, 170 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(127, 244, 170)` looks like.

```
.text, #text, p{  
    color:rgb(127, 244, 170)  
}
```

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(127, 244, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 244, 170) }
```

Border

The CSS property to change the border of an element to RGB 127, 244, 170 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(127, 244, 170) }
```

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

```
.border{ border-color:rgb(127, 244, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 244, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 244, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 244, 170);  
box-shadow:4px 4px 4px 4px rgb(127, 244,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 127, 244, 170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 244, 170) }
```

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

```
.background{ background-color: rgb(127,  
244, 170) }
```

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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