

Converting Colors

RGB(121, 244, 170)

Have a look what the booklet for
RGB(121, 244, 170) contains.

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Color

RGB(121, 244, 170)

Conversions

Conversions Part 1

Format	Color
Hex	79F4AA
RGB	121, 244, 170
RGB Percent	47%, 96%, 67%
CMY	0.5255, 0.0431, 0.3333
CMYK	0.50, 0.00, 0.30, 0.04
HSL	144°, 85%, 72%
HSV	144°, 50%, 96%
XYZ	47.4915, 71.6686, 49.3606
YIQ	198.7870, -49.5540, -49.0900

Conversions

Conversions Part 2

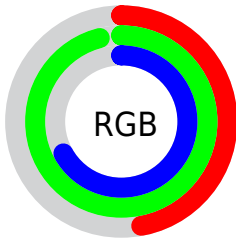
Format	Color
R_{YB}	121, 209, 244
Decimal	7992490
CIE Lab	87.81, -50.69, 25.34
CIE LCh	88, 56.672, 153.439
Yxy	71.6686, 0.2818, 0.4253
Android (android.graphics.Color)	4286182570 (0xFF79F4AA)
YUV	198.7870, -14.1920, -68.2192
Hunter-Lab	84.6573, -48.0143, 24.6903

Details

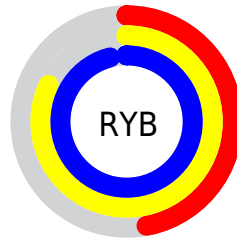
The RGB color **121, 244, 170** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **244, 121, 195**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **180, 255, 226**, and **59, 187, 117** is the 20% darker color. If you saturate the color by 10%, you get **97, 244, 155**, and if you desaturate by 10%, it is **145, 244, 185**.

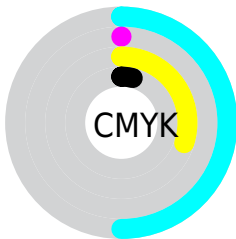
Distribution



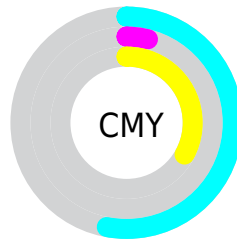
- Red (47%)
- Green (96%)
- Blue (67%)



- Red (47%)
- Yellow (82%)
- Blue (96%)



- Cyan (50%)
- Magenta (0%)
- Yellow (30%)
- Black (4%)



- Cyan (53%)
- Magenta (4%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 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 121, 244, 170 by changing the saturation by 10% instead.

 121, 244, 170

255, 255, 255


 180, 255, 226


 209, 255, 254


 239, 255, 255


 121, 244, 170


 91, 215, 143

 59, 187, 117

 12, 159, 92

 0, 132, 68

 0, 106, 45

 0, 81, 23

 0, 57, 0

 0, 34, 0

 0, 0, 0

 121, 244, 170

 121, 244, 170

 97, 244, 155

 145, 244, 185

 72, 244, 141

 170, 244, 199

 48, 244, 126

 194, 244, 214

 23, 244, 111

 219, 244, 229

 0, 244, 97

 243, 244, 243

 255, 244, 255

Harmonies

Analogous

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



191, 234, 127



121, 244, 170



0, 248, 225

Triad

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



121, 244, 170



142, 224, 255



255, 182, 164

Complementary

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



121, 244, 170



244, 121, 195

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, 176, 216



121, 244, 170



233, 204, 255

Square

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



121, 244, 170



0, 238, 255



255, 184, 255



255, 200, 124

Rectangle

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



121, 244, 170



0, 248, 255



255, 184, 255



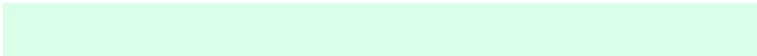
255, 179, 180

Sweetspot

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



121, 244, 170



217, 255, 232



197, 244, 121



105, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



121, 244, 170



102, 255, 163



121, 244, 230



110, 122, 115



0, 186, 74



0, 59, 23

Inverse Universe

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



244, 121, 195



255, 102, 194



244, 121, 135



122, 110, 118



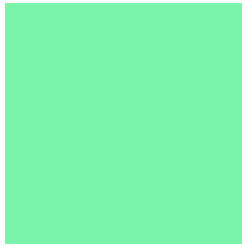
186, 0, 112



59, 0, 35

Previews

White Background



This preview shows how the RGB color 121, 244, 170 looks on a white background.

Color Contrast Check

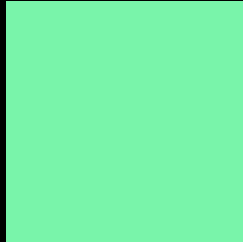
Large Text (above 18pt) WCAG AA × Fail

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 121, 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 121, 244, 170 Background



This preview shows how black text looks on a background with the RGB color 121, 244, 170.

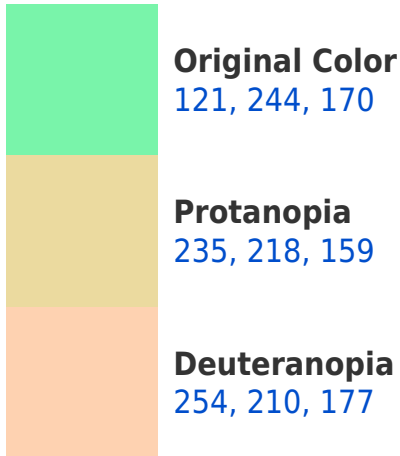


This preview shows how white text looks on a background with the RGB color 121, 244, 170.

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](#).

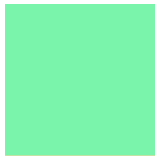
Dichromacy





Tritanopia
142, 234, 252

Trichromacy



Original Color

121, 244, 170



Protanomaly

194, 227, 163



Deuteranomaly

206, 222, 174



Tritanomaly

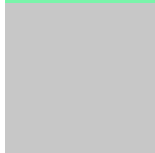
134, 238, 222

Monochromacy



Original Color

121, 244, 170



Achromatopsia

199, 199, 199



Achromatomaly

171, 215, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 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(121, 244, 170)` looks like.

```
.text, #text, p{  
    color:rgb(121, 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(121, 244, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 244, 170) }
```

Border

The CSS property to change the border of an element to RGB 121, 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(121, 244, 170) }
```

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

```
.border{ border-color:rgb(121, 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(121, 244, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 244, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 244, 170);  
box-shadow:4px 4px 4px 4px rgb(121, 244,  
170) }
```

Background

The CSS property to change the background color of an element to RGB 121, 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(121, 244, 170) }
```

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

```
.background{ background-color: rgb(121,  
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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