

Converting Colors

RGB(121, 236, 181)

Have a look what the booklet for
RGB(121, 236, 181) contains.

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Color

RGB(121, 236, 181)

Conversions

Conversions Part 1

Format	Color
Hex	79ECB5
RGB	121, 236, 181
RGB Percent	47%, 93%, 71%
CMY	0.5255, 0.0745, 0.2902
CMYK	0.49, 0.00, 0.23, 0.07
HSL	151°, 75%, 70%
HSV	151°, 49%, 93%
XYZ	46.2211, 67.3920, 54.2879
YIQ	195.3450, -50.8850, -41.4850

Conversions

Conversions Part 2

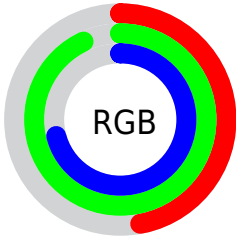
Format	Color
RYB	121, 197, 236
Decimal	7990453
CIELab	85.70, -45.18, 16.76
CIELCh	86, 48.185, 159.650
Yxy	67.3920, 0.2753, 0.4014
Android (android.graphics.Color)	4286180533 (0xFF79ECB5)
YUV	195.3450, -7.0721, -65.2006
Hunter-Lab	82.0927, -43.1603, 18.2564

Details

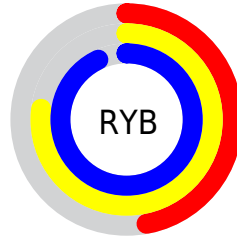
The RGB color **121, 236, 181** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **236, 121, 176**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **179, 255, 237**, and **61, 179, 128** is the 20% darker color. If you saturate the color by 10%, you get **97, 236, 170**, and if you desaturate by 10%, it is **145, 236, 192**.

Distribution



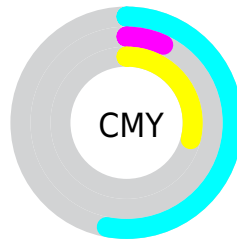
- Red (47%)
- Green (93%)
- Blue (71%)



- Red (47%)
- Yellow (77%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (23%)
- Black (7%)




- Cyan (53%)
- Magenta (7%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RGB color 121, 236, 181 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, 236, 181 by changing the saturation by 10% instead.


 121, 236, 181

255, 255, 255


 179, 255, 237


 208, 255, 255


 238, 255, 255


 121, 236, 181

 92, 207, 154

 61, 179, 128

 20, 152, 103

 0, 126, 79

 0, 100, 56


 0, 75, 34

 0, 51, 12

 0, 28, 0

 0, 0, 0

 121, 236, 181

 121, 236, 181

 97, 236, 170

 145, 236, 192

 74, 236, 158

 168, 236, 204

 50, 236, 147

 192, 236, 215

 27, 236, 136

 215, 236, 226

 3, 236, 125

 239, 236, 237

 0, 236, 123

 255, 236, 249

 255, 236, 255

Harmonies

Analogous

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



180, 229, 142



121, 236, 181



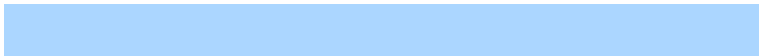
35, 238, 228

Triad

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



121, 236, 181



171, 214, 255



255, 186, 158

Complementary

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



121, 236, 181



236, 121, 176

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, 178, 201



121, 236, 181



238, 197, 255

Square

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



121, 236, 181



81, 228, 255



255, 183, 247



255, 201, 129

Rectangle

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



121, 236, 181



0, 237, 255



255, 183, 247



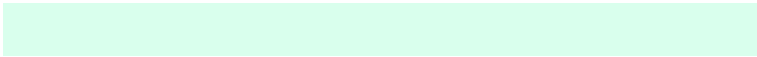
255, 182, 171

Sweetspot

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



121, 236, 181



217, 255, 237



177, 236, 121



105, 128, 117



0, 0, 0



128, 128, 128

Same Dimension

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



121, 236, 181



107, 255, 184



121, 234, 236



106, 117, 112



0, 181, 94



0, 54, 28

Inverse Universe

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



236, 121, 176



255, 107, 178



236, 123, 121



117, 106, 111



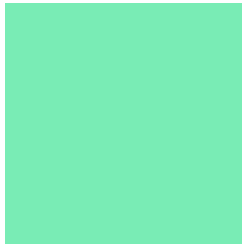
181, 0, 87



54, 0, 26

Previews

White Background



This preview shows how the RGB color 121, 236, 181 looks on a white background.

Color Contrast Check

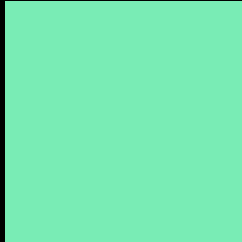
Large Text (above 18pt) WCAG AA × Fail

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, 236, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

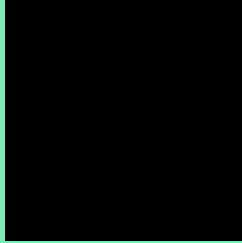
Any Text WCAG AA ✓ Pass

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, 236, 181 Background



This preview shows how black text looks on a background with the RGB color 121, 236, 181.

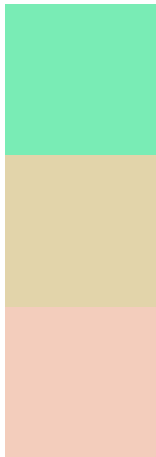


This preview shows how white text looks on a background with the RGB color 121, 236, 181.

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



Original Color
121, 236, 181

Protanopia
226, 212, 170

Deuteranopia
243, 205, 188



Tritanopia
138, 227, 246

Trichromacy



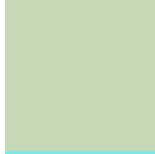
Original Color

121, 236, 181



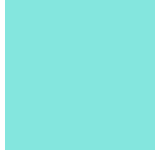
Protanomaly

188, 221, 174



Deuteranomaly

199, 216, 185



Tritanomaly

132, 230, 222

Monochromacy



Original Color

121, 236, 181



Achromatopsia

195, 195, 195



Achromatomaly

168, 210, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 121, 236, 181 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, 236, 181)` looks like.

```
.text, #text, p{  
    color:rgb(121, 236, 181)  
}
```

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, 236, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 236, 181) }
```

Border

The CSS property to change the border of an element to RGB 121, 236, 181 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, 236, 181) }
```

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

```
.border{ border-color:rgb(121, 236, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 236, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 236, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 236, 181);  
box-shadow:4px 4px 4px 4px rgb(121, 236,  
181) }
```

Background

The CSS property to change the background color of an element to RGB 121, 236, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 236, 181) }
```

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

```
.background{ background-color: rgb(121,  
236, 181) }
```

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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