

Converting Colors

`RYB(121, 184, 237)`

Have a look what the booklet for
RYB(121, 184, 237) contains.

RYB(121, 184, 237)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

`RYB(121, 184, 237)`

Conversions

Conversions Part 1

Format	Color
Hex	79EDDB
RGB	121, 237, 219
RGB Percent	47%, 93%, 86%
CMY	0.5255, 0.0706, 0.1428
CMYK	0.49, 0.00, 0.08, 0.07
HSL	170°, 76%, 70%
HSV	170°, 49%, 93%
XYZ	50.9012, 69.7261, 77.5090
YIQ	200.2640, -63.3580, -30.1900

Conversions

Conversions Part 2

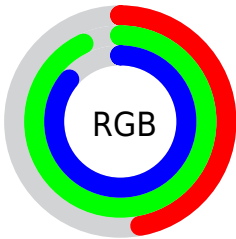
Format	Color
RYB	121, 184, 237
Decimal	7990747
CIELab	86.86, -37.33, -1.23
CIELCh	87, 37.354, 181.885
Yxy	69.7261, 0.2569, 0.3519
Android (android.graphics.Color)	4286180827 (0xFF79EDDB)
YUV	200.2640, 9.2368, -69.5145
Hunter-Lab	83.5021, -37.3187, 3.4169

Details

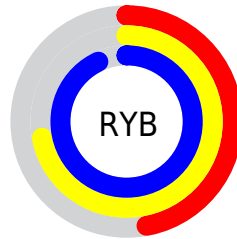
The RYB color **121, 184, 237** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **237, 121, 139**, and the grayscale version is **200, 200, 200**.

A 20% lighter version of the original color is **180, 218, 255**, and **58, 124, 181** is the 20% darker color. If you saturate the color by 10%, you get **97, 173, 237**, and if you desaturate by 10%, it is **145, 195, 237**.

Distribution



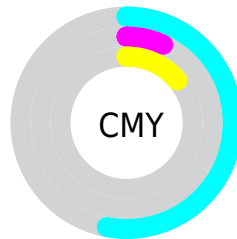
- Red (47%)
- Green (93%)
- Blue (86%)



- Red (47%)
- Yellow (72%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)




- Cyan (53%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 184, 237 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 RYB color 121, 184, 237 by changing the saturation by 10% instead.


 121, 184, 237


255, 255, 255


 180, 218, 255

 210, 233, 255

 240, 248, 255

 121, 184, 237

 91, 154, 208

 58, 124, 181


 9, 85, 153

 0, 67, 127


 0, 54, 101


 0, 42, 77


 0, 29, 53

 0, 19, 32


 0, 0, 0

 121, 184, 237


 121, 184, 237

 97, 173, 237

 145, 195, 237

 74, 163, 237


 168, 205, 237

 50, 152, 237

 192, 216, 237

 26, 140, 237

 216, 227, 237

 3, 130, 237

 239, 237, 237

 0, 129, 237

 255, 237, 241

 255, 237, 245

 255, 237, 249

 255, 237, 252

Harmonies

Analogous

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



161, 217, 234



121, 184, 237



100, 172, 254

Triad

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



121, 184, 237



225, 208, 255



255, 249, 156

Complementary

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



121, 184, 237



237, 121, 139

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, 196, 182



121, 184, 237



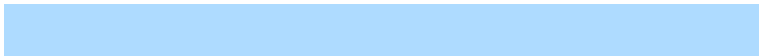
255, 196, 252

Square

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



121, 184, 237



174, 203, 255



255, 191, 217



178, 240, 146

Rectangle

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



121, 184, 237



111, 177, 255



255, 191, 217



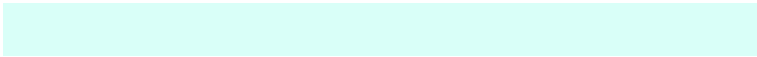
255, 225, 163

Sweetspot

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



121, 184, 237



217, 238, 255



121, 237, 218



105, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 184, 237



105, 187, 255



121, 167, 237



106, 112, 117



0, 98, 181



0, 29, 54

Inverse Universe

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



237, 121, 139



255, 105, 128



237, 180, 121



117, 106, 107



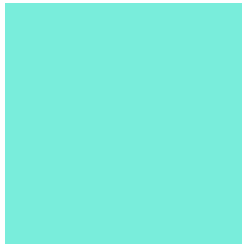
181, 0, 29



54, 0, 8

Previews

White Background



This preview shows how the RYB color 121, 184, 237 looks on a white background.

Color Contrast Check

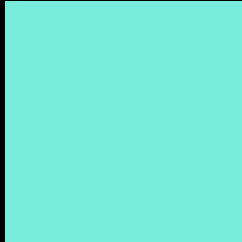
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 121, 184, 237 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

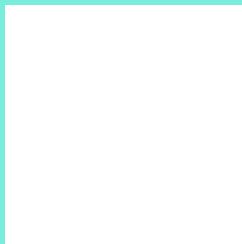
Any Text WCAG AAA ✓ Pass

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

RYB 121, 184, 237 Background



This preview shows how black text looks on a background with the RYB color 121, 184, 237.

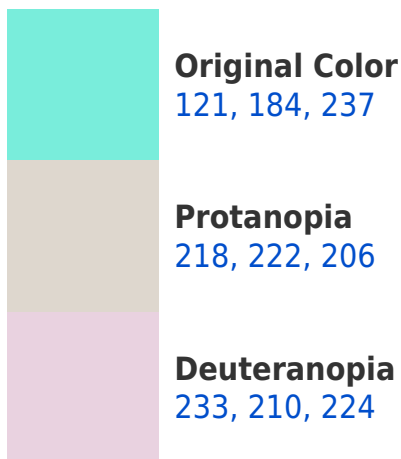


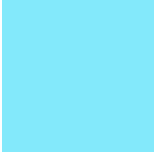
This preview shows how white text looks on a background with the RYB color 121, 184, 237.

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





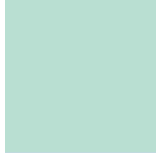
Tritanopia
131, 186, 251

Trichromacy



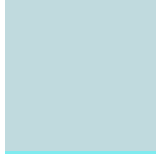
Original Color

121, 184, 237



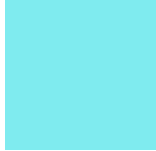
Protanomaly

185, 208, 223



Deuteranomaly

192, 206, 222



Tritanomaly

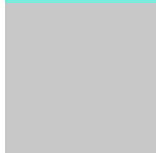
127, 182, 239

Monochromacy



Original Color

121, 184, 237



Achromatopsia

200, 200, 200



Achromatomaly

171, 194, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 184, 237 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, 237, 219)` looks like.

```
.text, #text, p{  
    color:rgb(121, 237, 219)  
}
```

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, 237, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 237, 219) }
```

Border

The CSS property to change the border of an element to RYB 121, 184, 237 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, 237, 219) }
```

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

```
.border{ border-color:rgb(121, 237, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 237, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 237, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 237, 219);  
box-shadow:4px 4px 4px 4px rgb(121, 237,  
219) }
```

Background

The CSS property to change the background color of an element to RYB 121, 184, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 237, 219) }
```

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

```
.background{ background-color: rgb(121,  
237, 219) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor