

Converting Colors

`RYB(121, 181, 226)`

Have a look what the booklet for
RYB(121, 181, 226) contains.

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Color

R_YB(121, 181, 226)

Conversions

Conversions Part 1

Format	Color
Hex	79E2C8
RGB	121, 226, 200
RGB Percent	47%, 89%, 78%
CMY	0.5255, 0.1137, 0.2167
CMYK	0.46, 0.00, 0.12, 0.11
HSL	165°, 64%, 68%
HSV	165°, 46%, 89%
XYZ	45.4776, 62.6161, 64.1797
YIQ	191.6410, -54.2340, -30.3460

Conversions

Conversions Part 2

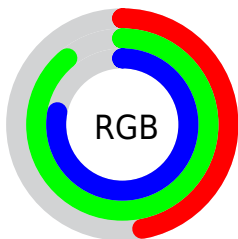
Format	Color
RYB	121, 181, 226
Decimal	7987912
CIELab	83.24, -36.69, 3.41
CIELCh	83, 36.845, 174.686
Yxy	62.6161, 0.2640, 0.3635
Android (android.graphics.Color)	4286177992 (0xFF79E2C8)
YUV	191.6410, 4.1210, -61.9522
Hunter-Lab	79.1303, -35.8909, 7.3033

Details

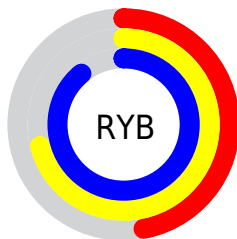
The RYB color **121, 181, 226** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **226, 121, 147**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **179, 217, 255**, and **62, 123, 170** is the 20% darker color. If you saturate the color by 10%, you get **98, 171, 226**, and if you desaturate by 10%, it is **144, 191, 226**.

Distribution



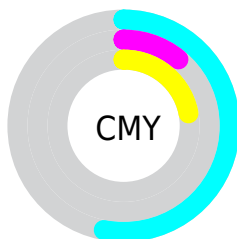
- Red (47%)
- Green (89%)
- Blue (78%)



- Red (47%)
- Yellow (71%)
- Blue (89%)



- Cyan (46%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)



- Cyan (53%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 181, 226 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, 181, 226 by changing the saturation by 10% instead.

 121, 181, 226


255, 255, 255


 179, 217, 255

 208, 232, 255

 237, 246, 255

 121, 181, 226

 92, 152, 198

 62, 123, 170

 24, 90, 143

 0, 65, 117


 0, 52, 92


 0, 40, 68


 0, 27, 45


 0, 17, 20


 0, 0, 0

 121, 181, 226


 121, 181, 226

 98, 171, 226


 144, 191, 226


 76, 162, 226

 166, 200, 226

 53, 152, 226

 189, 210, 226

 31, 143, 226

 211, 220, 226

 8, 133, 226

 234, 226, 228

 0, 129, 226

 255, 226, 234

 255, 226, 239

 255, 226, 245

 255, 226, 251

Harmonies

Analogous

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



162, 218, 222



121, 181, 226



92, 161, 235

Triad

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



121, 181, 226



204, 201, 255



255, 215, 152

Complementary

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



121, 181, 226



226, 121, 147

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, 183, 180



121, 181, 226



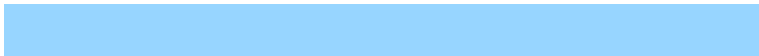
246, 189, 248

Square

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



121, 181, 226



151, 190, 255



255, 182, 215



190, 237, 138

Rectangle

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



121, 181, 226



95, 166, 255



255, 182, 215



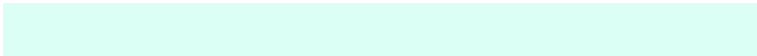
255, 200, 160

Sweetspot

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



121, 181, 226



219, 240, 255



121, 226, 200



106, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 181, 226



112, 194, 255



121, 166, 226



101, 107, 112



0, 101, 176



0, 27, 48

Inverse Universe

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



226, 121, 147



255, 112, 148



226, 156, 121



112, 101, 104



176, 0, 44



48, 0, 12

Previews

White Background



This preview shows how the RYB color 121, 181, 226 looks on a white background.

Color Contrast Check

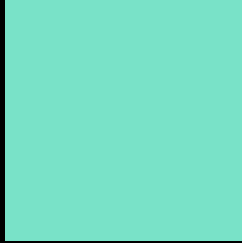
Large Text (above 18pt) WCAG AA × Fail

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, 181, 226 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

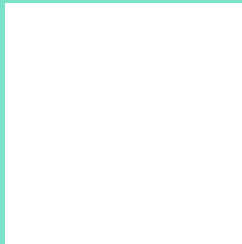
Any Text WCAG AAA ✓ Pass

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

RYP 121, 181, 226 Background



This preview shows how black text looks on a background with the RYP color 121, 181, 226.

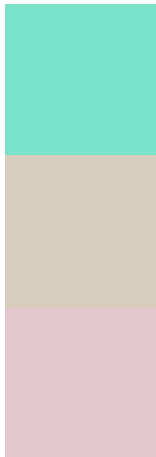


This preview shows how white text looks on a background with the RYP color 121, 181, 226.

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, 181, 226

Protanopia
203, 214, 189

Deuteranopia
226, 200, 205



Tritanopia
132, 180, 238

Trichromacy



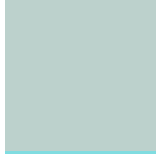
Original Color

121, 181, 226



Protanomaly

180, 204, 213



Deuteranomaly

188, 200, 209



Tritanomaly

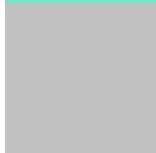
128, 175, 224

Monochromacy



Original Color

121, 181, 226



Achromatopsia

192, 192, 192



Achromatomaly

166, 188, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 181, 226 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, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(121, 226, 200)  
}
```

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, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 226, 200) }
```

Border

The CSS property to change the border of an element to RYB 121, 181, 226 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, 226, 200) }
```

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

```
.border{ border-color:rgb(121, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(121, 226,  
200) }
```

Background

The CSS property to change the background color of an element to RYB 121, 181, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 226, 200) }
```

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

```
.background{ background-color: rgb(121,  
226, 200) }
```

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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