

Converting Colors

`RYB(124, 215, 230)`

Have a look what the booklet for
RYB(124, 215, 230) contains.

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Color

R_YB(124, 215, 230)

Conversions

Conversions Part 1

Format	Color
Hex	7CE68D
RGB	124, 230, 141
RGB Percent	49%, 90%, 55%
CMY	0.5137, 0.0980, 0.4452
CMYK	0.46, 0.00, 0.38, 0.10
HSL	130°, 68%, 69%
HSV	130°, 46%, 90%
XYZ	41.4520, 62.8159, 35.3240
YIQ	188.1600, -34.6070, -50.1510

Conversions

Conversions Part 2

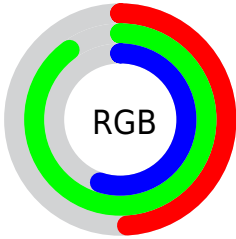
Format	Color
RYB	124, 215, 230
Decimal	8185485
CIELab	83.35, -49.04, 33.86
CIElCh	83, 59.593, 145.376
Yxy	62.8159, 0.2970, 0.4500
Android (android.graphics.Color)	4286375565 (0xFF7CE68D)
YUV	188.1600, -23.2499, -56.2683
Hunter-Lab	79.2565, -45.3415, 29.0545

Details

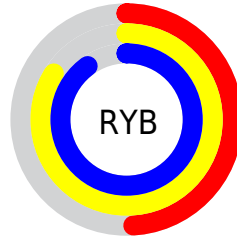
The RYB color **124, 215, 230** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **230, 124, 213**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **181, 243, 255**, and **65, 154, 174** is the 20% darker color. If you saturate the color by 10%, you get **101, 212, 230**, and if you desaturate by 10%, it is **147, 218, 230**.

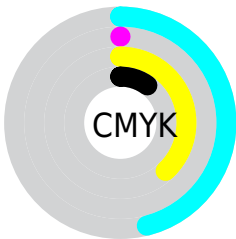
Distribution



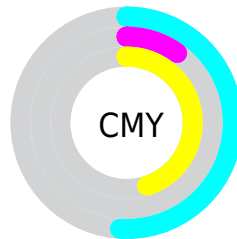
- Red (49%)
- Green (90%)
- Blue (55%)



- Red (49%)
- Yellow (84%)
- Blue (90%)



- Cyan (46%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)



- Cyan (51%)
- Magenta (10%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 215, 230 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 124, 215, 230 by changing the saturation by 10% instead.

 124, 215, 230


255, 255, 255


 181, 243, 255


 211, 245, 255

 240, 248, 255


 124, 215, 230

 95, 184, 201

 65, 154, 174

 30, 119, 146

 0, 89, 120

 0, 80, 94

 0, 70, 70


 0, 47, 47

 0, 20, 20

 0, 0, 0

 124, 215, 230

 124, 215, 230

 101, 212, 230

 147, 218, 230

 78, 209, 230

 170, 221, 230

 55, 205, 230

 193, 225, 230

 32, 202, 230

 216, 228, 230

 9, 199, 230

 239, 230, 238

 0, 197, 230

 255, 230, 255

Harmonies

Analogous

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



102, 219, 128



124, 215, 230



0, 128, 235

Triad

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



124, 215, 230



76, 155, 255



255, 164, 163

Complementary

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



124, 215, 230



230, 124, 213

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, 161, 219



124, 215, 230



198, 196, 255

Square

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



124, 215, 230



0, 121, 255



255, 175, 255



255, 236, 117

Rectangle

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



124, 215, 230



0, 118, 236



255, 175, 255



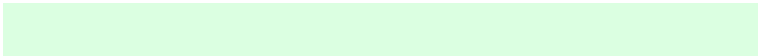
255, 161, 181

Sweetspot

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



124, 215, 230



219, 250, 255



124, 230, 140



106, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 215, 230



115, 235, 255



124, 188, 230



103, 113, 115



0, 154, 179



0, 44, 51

Inverse Universe

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



230, 124, 213



255, 115, 232



230, 124, 161



115, 103, 113



179, 0, 149



51, 0, 43

Previews

White Background



This preview shows how the RYB color 124, 215, 230 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 124, 215, 230 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 124, 215, 230 Background



This preview shows how black text looks on a background with the RYB color 124, 215, 230.

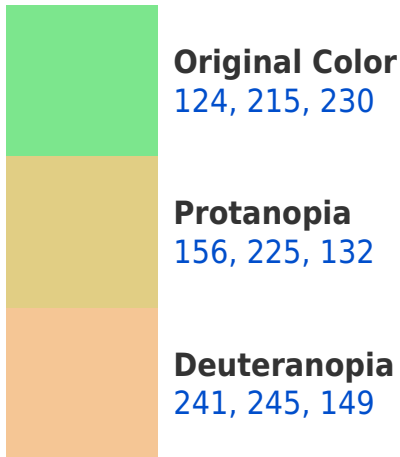



This preview shows how white text looks on a background with the RYB color 124, 215, 230.

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
145, 186, 236

Trichromacy



Original Color

124, 215, 230



Protanomaly

135, 215, 162



Deuteranomaly

146, 210, 155



Tritanomaly

137, 186, 223

Monochromacy



Original Color

124, 215, 230



Achromatopsia

188, 188, 188



Achromatomaly

165, 198, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 215, 230 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(124, 230, 141)` looks like.

```
.text, #text, p{  
    color:rgb(124, 230, 141)  
}
```

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(124, 230, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 230, 141) }
```

Border

The CSS property to change the border of an element to RYB 124, 215, 230 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(124, 230, 141) }
```

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

```
.border{ border-color:rgb(124, 230, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 230, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 230, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 230, 141);  
box-shadow:4px 4px 4px 4px rgb(124, 230,  
141) }
```

Background

The CSS property to change the background color of an element to RYB 124, 215, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 230, 141) }
```

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

```
.background{ background-color: rgb(124,  
230, 141) }
```

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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