

Converting Colors

`RYB(179, 230, 215)`

Have a look what the booklet for
RYB(179, 230, 215) contains.

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Color

R_YB(179, 230, 215)

Conversions

Conversions Part 1

Format	Color
Hex	C2E6B3
RGB	194, 230, 179
RGB Percent	76%, 90%, 70%
CMY	0.2392, 0.0980, 0.2980
CMYK	0.16, 0.00, 0.22, 0.10
HSL	102°, 50%, 80%
HSV	102°, 22%, 90%
XYZ	58.6816, 71.3176, 53.3207
YIQ	213.4220, -5.0850, -23.4930

Conversions

Conversions Part 2

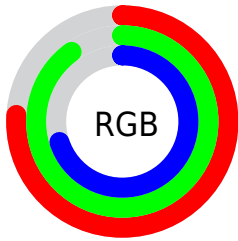
Format	Color
RYB	179, 230, 215
Decimal	12773043
CIELab	87.64, -20.97, 21.04
CIELCh	88, 29.707, 134.894
Yxy	71.3176, 0.3201, 0.3890
Android (android.graphics.Color)	4290963123 (0xFFC2E6B3)
YUV	213.4220, -16.9700, -17.0331
Hunter-Lab	84.4498, -23.7528, 21.6798

Details

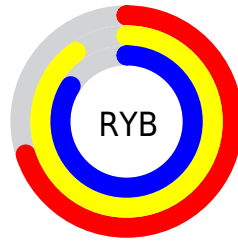
The RYB color **179, 230, 215** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **215, 179, 230**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **235, 255, 239**, and **126, 174, 160** is the 20% darker color. If you saturate the color by 10%, you get **156, 230, 208**, and if you desaturate by 10%, it is **202, 230, 222**.

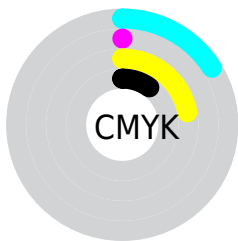
Distribution



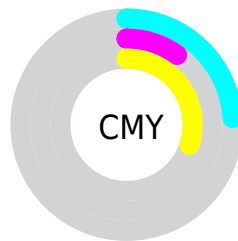
- Red (76%)
- Green (90%)
- Blue (70%)



- Red (70%)
- Yellow (90%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (24%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 230, 215 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 179, 230, 215 by changing the saturation by 10% instead.

 179, 230, 215


255, 255, 255


 235, 255, 239

 179, 230, 215


 152, 202, 187

 126, 174, 160


 101, 148, 135

 77, 122, 110

 53, 97, 85

 31, 73, 63

 9, 50, 41

 0, 30, 30

 0, 0, 0

■ 179, 230, 215

■ 179, 230, 215

■ 156, 230, 208

■ 202, 230, 222

■ 133, 230, 201

■ 225, 230, 229

■ 110, 230, 195

■ 243, 230, 248

■ 87, 230, 188

■ 255, 230, 255

■ 64, 230, 181

■ 41, 230, 174

■ 18, 230, 168

■ 0, 230, 162

Harmonies

Analogous

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



169, 226, 165



179, 230, 215



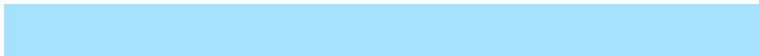
163, 209, 235

Triad

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



179, 230, 215



166, 202, 255



255, 199, 206

Complementary

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



179, 230, 215



215, 179, 230

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, 201, 235



179, 230, 215



205, 215, 255

Square

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



179, 230, 215



140, 191, 255



241, 208, 255



255, 214, 181

Rectangle

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



179, 230, 215



146, 195, 236



241, 208, 255



255, 199, 216

Sweetspot

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



179, 230, 215



237, 255, 250



200, 230, 179



117, 128, 125



0, 0, 0



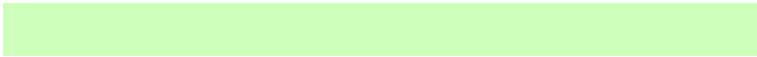
128, 128, 128

Same Dimension

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



179, 230, 215



186, 255, 235



179, 222, 230



103, 115, 111



0, 179, 126



0, 51, 36

Inverse Universe

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



215, 179, 230



235, 186, 255



230, 179, 220



111, 103, 115



126, 0, 179



36, 0, 51

Previews

White Background



This preview shows how the RYB color 179, 230, 215 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 179, 230, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

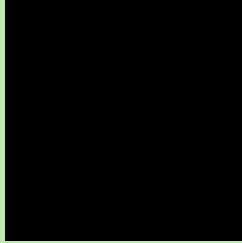
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

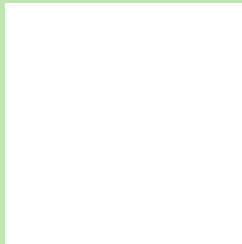
Any Text WCAG AAA ✓ Pass

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

RYB 179, 230, 215 Background



This preview shows how black text looks on a background with the RYB color 179, 230, 215.

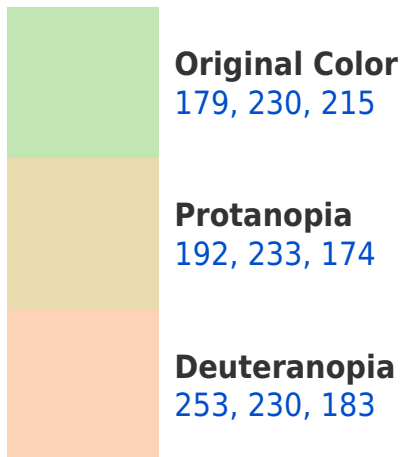


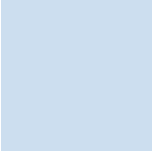
This preview shows how white text looks on a background with the RYB color 179, 230, 215.

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](#).

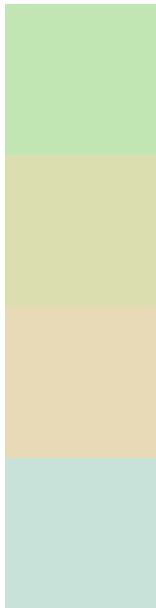
Dichromacy





Tritanopia
204, 216, 239

Trichromacy



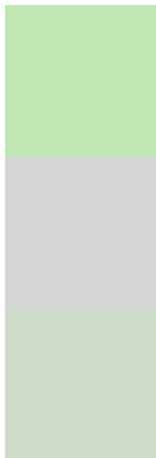
Original Color
179, 230, 215

Protanomaly
176, 223, 180

Deuteranomaly
201, 232, 182

Tritanomaly
200, 215, 225

Monochromacy



Original Color
179, 230, 215

Achromatopsia
213, 213, 213

Achromatomaly
201, 219, 214

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 230, 215 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(179, 230, 215)` looks like.

```
.text, #text, p{  
    color:rgb(179, 230, 215)  
}
```

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(194, 230, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 230, 179) }
```

Border

The CSS property to change the border of an element to RYB 179, 230, 215 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(194, 230, 179) }
```

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

```
.border{ border-color:rgb(194, 230, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 230, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 230, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 230, 179);  
box-shadow:4px 4px 4px 4px rgb(194, 230,  
179) }
```

Background

The CSS property to change the background color of an element to RYB 179, 230, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 230, 179) }
```

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

```
.background{ background-color: rgb(194,  
230, 179) }
```

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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