

Converting Colors

`RYB(171, 240, 230)`

Have a look what the booklet for
RYB(171, 240, 230) contains.

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Color

R_YB(171, 240, 230)

Conversions

Conversions Part 1

Format	Color
Hex	B5F0AB
RGB	181, 240, 171
RGB Percent	71%, 94%, 67%
CMY	0.2902, 0.0588, 0.3294
CMYK	0.25, 0.00, 0.29, 0.06
HSL	111°, 70%, 81%
HSV	111°, 29%, 94%
XYZ	57.5668, 75.0842, 49.9867
YIQ	214.4930, -13.0150, -33.9670

Conversions

Conversions Part 2

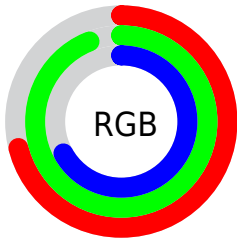
Format	Color
RYB	171, 240, 230
Decimal	11923627
CIELab	89.43, -31.41, 27.49
CIELCh	89, 41.743, 138.804
Yxy	75.0842, 0.3152, 0.4111
Android (android.graphics.Color)	4290113707 (0xFFB5F0AB)
YUV	214.4930, -21.4420, -29.3734
Hunter-Lab	86.6511, -33.0527, 26.4530

Details

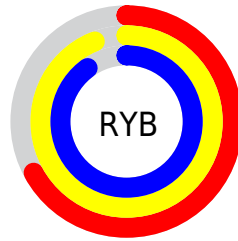
The RYB color **171, 240, 230** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **230, 171, 240**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **227, 255, 244**, and **118, 184, 175** is the 20% darker color. If you saturate the color by 10%, you get **147, 240, 227**, and if you desaturate by 10%, it is **195, 240, 233**.

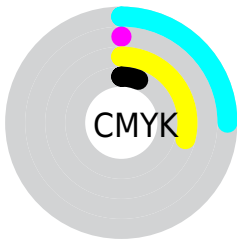
Distribution



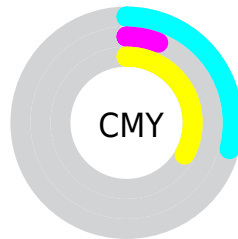
- Red (71%)
- Green (94%)
- Blue (67%)



- Red (67%)
- Yellow (94%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (29%)
- Black (6%)



- Cyan (29%)
- Magenta (6%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 240, 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 171, 240, 230 by changing the saturation by 10% instead.

 171, 240, 230


255, 255, 255


 227, 255, 244


 171, 240, 230

 144, 212, 203

 118, 184, 175

 93, 157, 150

 69, 130, 124

 46, 105, 102

 22, 79, 80

 0, 57, 57

 0, 36, 36

 0, 0, 0

 171, 240, 230

 171, 240, 230

 147, 240, 227

 195, 240, 233

 123, 240, 223

 219, 240, 237

 99, 240, 220

 243, 240, 243

 75, 240, 216

 255, 240, 255

 51, 240, 213

 27, 240, 209

 3, 240, 206

 0, 240, 205

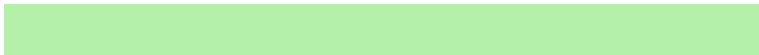
Harmonies

Analogous

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



148, 230, 152



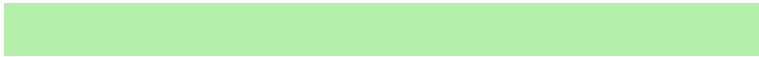
171, 240, 230



132, 200, 245

Triad

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



171, 240, 230



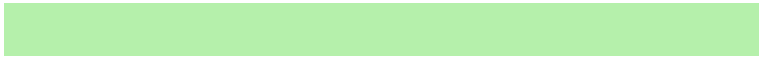
146, 194, 255



255, 195, 201

Complementary

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



171, 240, 230



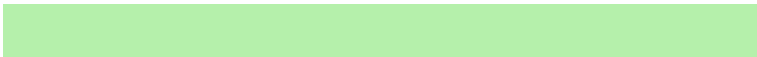
230, 171, 240

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, 241



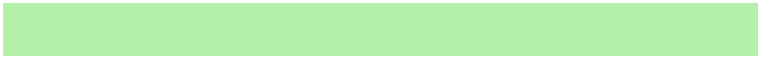
171, 240, 230



209, 218, 255

Square

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



171, 240, 230



92, 170, 255



255, 206, 255



255, 232, 166

Rectangle

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



171, 240, 230



102, 177, 247



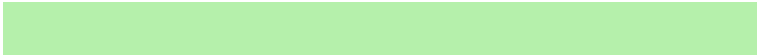
255, 206, 255



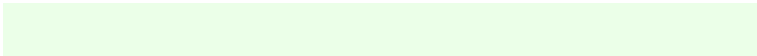
255, 194, 214

Sweetspot

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



171, 240, 230



232, 255, 252



183, 240, 171



113, 128, 125



0, 0, 0



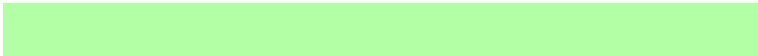
128, 128, 128

Same Dimension

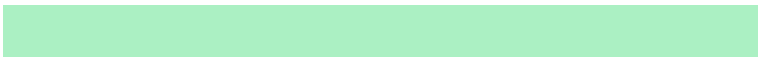
The Same Dimension uses a secret algorithm to generate beautiful new colors.



171, 240, 230



166, 255, 242



171, 222, 240



108, 120, 118



0, 184, 157



0, 56, 48

Inverse Universe

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



230, 171, 240



242, 166, 255



240, 171, 216



118, 108, 120



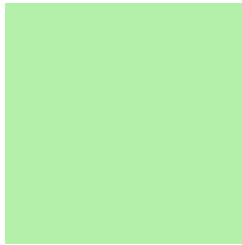
157, 0, 184



48, 0, 56

Previews

White Background



This preview shows how the RYB color 171, 240, 230 looks on a white background.

Color Contrast Check

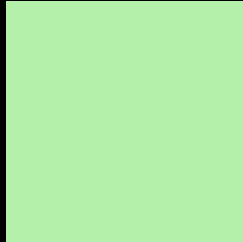
Large Text (above 18pt) WCAG AA × Fail

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 171, 240, 230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

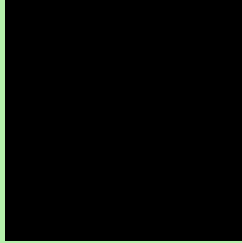
Any Text WCAG AA ✓ Pass

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 171, 240, 230 Background



This preview shows how black text looks on a background with the RYB color 171, 240, 230.

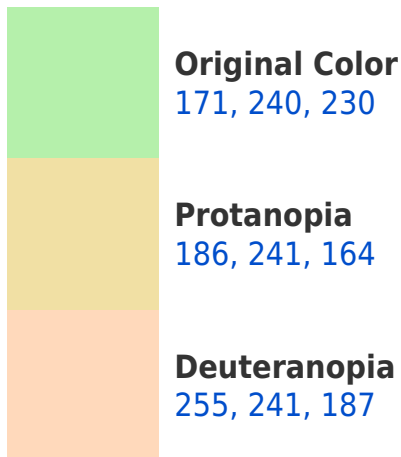



This preview shows how white text looks on a background with the RYB color 171, 240, 230.

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





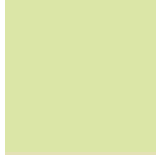
Tritanopia
194, 216, 248

Trichromacy



Original Color

171, 240, 230



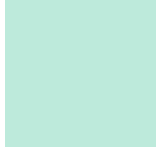
Protanomaly

167, 230, 178



Deuteranomaly

184, 228, 181



Tritanomaly

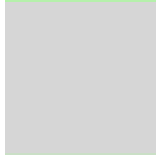
189, 216, 234

Monochromacy



Original Color

171, 240, 230



Achromatopsia

214, 214, 214



Achromatomaly

198, 223, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 240, 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(181, 240, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 240, 171)  
}
```

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(181, 240, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 240, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 240, 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(181, 240, 171) }
```

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

```
.border{ border-color:rgb(181, 240, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 240, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 240, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 240, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 240,  
171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 240, 230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 240, 171) }
```

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

```
.background{ background-color: rgb(181,  
240, 171) }
```

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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