

Converting Colors

`RYB(171, 230, 228)`

Have a look what the booklet for
RYB(171, 230, 228) contains.

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Color

R_YB(171, 230, 228)

Conversions

Conversions Part 1

Format	Color
Hex	ADE6AB
RGB	173, 230, 171
RGB Percent	68%, 90%, 67%
CMY	0.3216, 0.0980, 0.3294
CMYK	0.25, 0.00, 0.26, 0.10
HSL	118°, 54%, 79%
HSV	118°, 26%, 90%
XYZ	52.8811, 68.4181, 48.9470
YIQ	206.2310, -15.0330, -30.4330

Conversions

Conversions Part 2

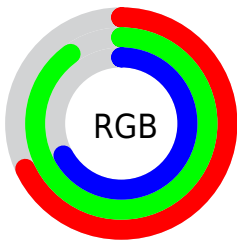
Format	Color
RYB	171, 230, 228
Decimal	11396779
CIELab	86.22, -29.35, 23.02
CIELCh	86, 37.300, 141.885
Yxy	68.4181, 0.3106, 0.4019
Android (android.graphics.Color)	4289586859 (0xFFA6E6AB)
YUV	206.2310, -17.3689, -29.1436
Hunter-Lab	82.7153, -30.6340, 22.8157

Details

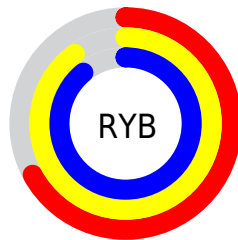
The RYB color **171, 230, 228** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **228, 171, 230**, and the grayscale version is **206, 206, 206**.

A 20% lighter version of the original color is **227, 255, 253**, and **118, 174, 173** is the 20% darker color. If you saturate the color by 10%, you get **148, 230, 227**, and if you desaturate by 10%, it is **194, 230, 229**.

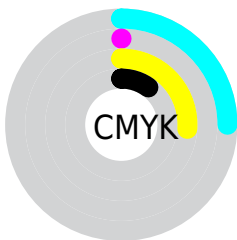
Distribution



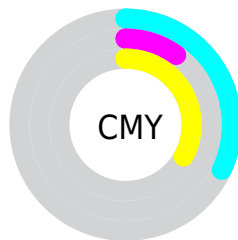
- Red (68%)
- Green (90%)
- Blue (67%)



- Red (67%)
- Yellow (90%)
- Blue (89%)



- Cyan (25%)
- Magenta (0%)
- Yellow (26%)
- Black (10%)



- Cyan (32%)
- Magenta (10%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the RYB color 171, 230, 228 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, 230, 228 by changing the saturation by 10% instead.

 171, 230, 228


255, 255, 255


 227, 255, 253


 171, 230, 228

 144, 202, 200

 118, 174, 173

 93, 147, 147

 68, 120, 121

 43, 93, 96

 16, 65, 72

 0, 49, 49

 0, 30, 30

 0, 0, 0

 171, 230, 228

 171, 230, 228

 148, 230, 227

 194, 230, 229

 125, 230, 226

 217, 230, 230

 102, 230, 226

 240, 230, 240

 79, 230, 225

 255, 230, 255

 56, 230, 224

 33, 230, 223

 10, 230, 223

 0, 230, 222

Harmonies

Analogous

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



149, 222, 157



171, 230, 228



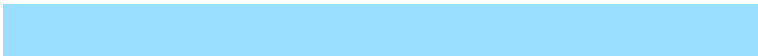
132, 192, 235

Triad

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



171, 230, 228



154, 195, 255



255, 190, 191

Complementary

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



171, 230, 228



228, 171, 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, 190, 227



171, 230, 228



207, 210, 255

Square

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



171, 230, 228



109, 175, 255



251, 198, 255



255, 222, 161

Rectangle

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



171, 230, 228



109, 174, 235



251, 198, 255



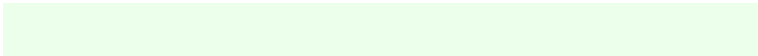
255, 189, 203

Sweetspot

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



171, 230, 228



235, 255, 255



174, 230, 171



115, 128, 128



0, 0, 0



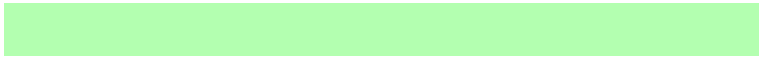
128, 128, 128

Same Dimension

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



171, 230, 228



176, 255, 252



171, 211, 230



103, 115, 114



0, 179, 173



0, 51, 49

Inverse Universe

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



228, 171, 230



252, 176, 255



230, 171, 203



114, 103, 115



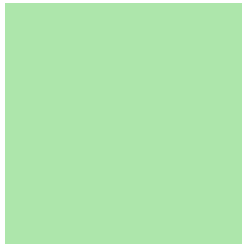
172, 0, 179



49, 0, 51

Previews

White Background



This preview shows how the RYB color 171, 230, 228 looks on a white background.

Color Contrast Check

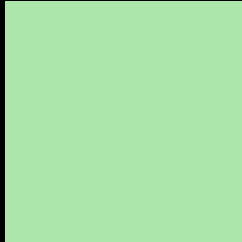
Large Text (above 18pt) WCAG AA × Fail

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, 230, 228 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, 230, 228 Background



This preview shows how black text looks on a background with the RYB color 171, 230, 228.

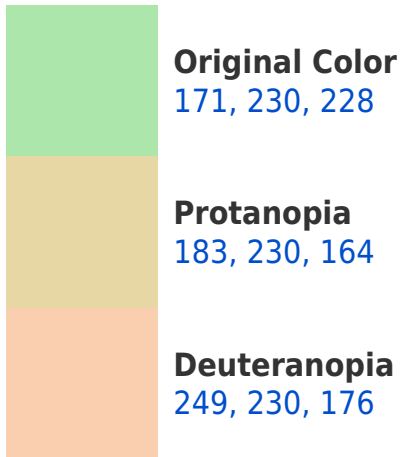


This preview shows how white text looks on a background with the RYB color 171, 230, 228.

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
185, 207, 239

Trichromacy



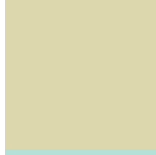
Original Color

171, 230, 228



Protanomaly

167, 220, 178



Deuteranomaly

181, 221, 174



Tritanomaly

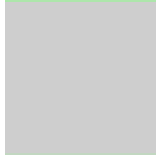
181, 205, 224

Monochromacy



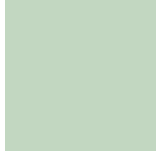
Original Color

171, 230, 228



Achromatopsia

206, 206, 206



Achromatomaly

193, 215, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 171, 230, 228 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(173, 230, 171)` looks like.

```
.text, #text, p{  
    color:rgb(173, 230, 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(173, 230, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 230, 171) }
```

Border

The CSS property to change the border of an element to RYB 171, 230, 228 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(173, 230, 171) }
```

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

```
.border{ border-color:rgb(173, 230, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 230, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 230, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 230, 171); box-shadow:4px 4px 4px 4px rgb(173, 230, 171) }
```

Background

The CSS property to change the background color of an element to RYB 171, 230, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 230, 171) }
```

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

```
.background{ background-color: rgb(173,  
230, 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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