

Converting Colors

`RYB(173, 244, 229)`

Have a look what the booklet for
RYB(173, 244, 229) contains.

RYB(173, 244, 229)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(173, 244, 229)

Conversions

Conversions Part 1

Format	Color
Hex	BCF4AD
RGB	188, 244, 173
RGB Percent	74%, 96%, 68%
CMY	0.2627, 0.0431, 0.3216
CMYK	0.23, 0.00, 0.29, 0.04
HSL	107°, 76%, 82%
HSV	107°, 29%, 96%
XYZ	60.6325, 78.4099, 51.4741
YIQ	219.1620, -10.5850, -33.9530

Conversions

Conversions Part 2

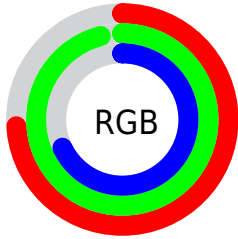
Format	Color
RYB	173, 244, 229
Decimal	12383405
CIELab	90.97, -30.64, 28.62
CIELCh	91, 41.932, 136.952
Yxy	78.4099, 0.3183, 0.4116
Android (android.graphics.Color)	4290573485 (0xFFBCF4AD)
YUV	219.1620, -22.7579, -27.3291
Hunter-Lab	88.5493, -32.7367, 27.5190

Details

The RYB color **173, 244, 229** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 173, 244**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **229, 255, 239**, and **120, 188, 175** is the 20% darker color. If you saturate the color by 10%, you get **149, 244, 224**, and if you desaturate by 10%, it is **197, 244, 234**.

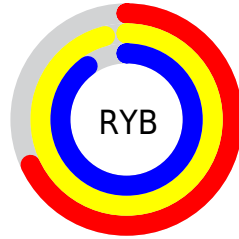
Distribution



Red (74%)

Green (96%)

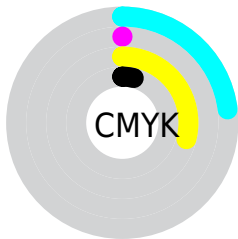
Blue (68%)



Red (68%)

Yellow (96%)

Blue (90%)

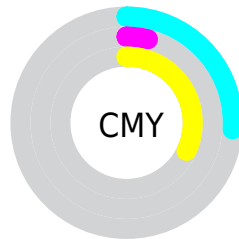


Cyan (23%)

Magenta (0%)

Yellow (29%)

Black (4%)



Cyan (26%)

Magenta (4%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 173, 244, 229 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 173, 244, 229 by changing the saturation by 10% instead.

 173, 244, 229


255, 255, 255


 229, 255, 239

 173, 244, 229

 146, 215, 201

 120, 188, 175

 95, 160, 148

 71, 134, 124

 47, 108, 99

 24, 84, 78

 0, 60, 60

 0, 38, 38

 0, 7, 7

■ 173, 244, 229

■ 173, 244, 229

■ 149, 244, 224

■ 197, 244, 234

■ 124, 244, 218

■ 222, 244, 240

■ 100, 244, 214

■ 246, 244, 246

■ 75, 244, 208

■ 255, 244, 255

■ 51, 244, 203

■ 27, 244, 198

■ 2, 244, 193

■ 0, 244, 192

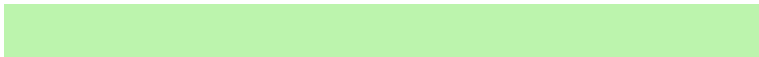
Harmonies

Analogous

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



151, 234, 152



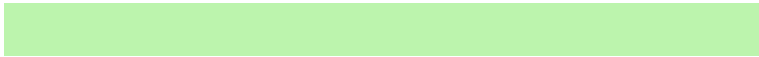
173, 244, 229



139, 207, 250

Triad

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



173, 244, 229



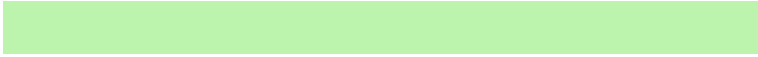
146, 196, 255



255, 199, 208

Complementary

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



173, 244, 229



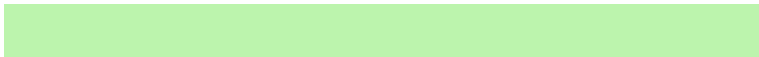
229, 173, 244

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, 200, 248



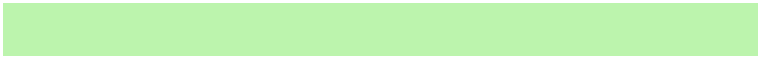
173, 244, 229



209, 221, 255

Square

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



173, 244, 229



94, 172, 255



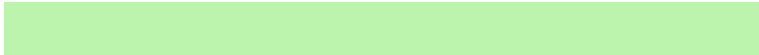
255, 211, 255



255, 233, 172

Rectangle

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



173, 244, 229



108, 183, 251



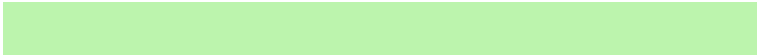
255, 211, 255



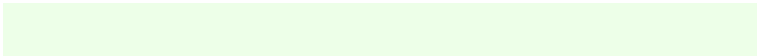
255, 198, 221

Sweetspot

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



173, 244, 229



232, 255, 250



192, 244, 173



113, 128, 125



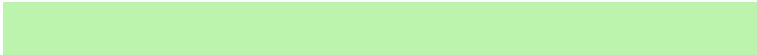
0, 0, 0



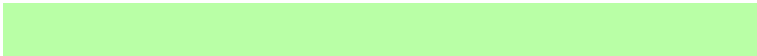
128, 128, 128

Same Dimension

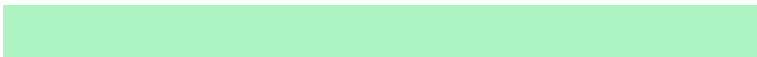
The Same Dimension uses a secret algorithm to generate beautiful new colors.



173, 244, 229



166, 255, 236



173, 228, 244



110, 122, 119



0, 186, 147



0, 59, 47

Inverse Universe

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



229, 173, 244



236, 166, 255



244, 173, 224



120, 110, 122



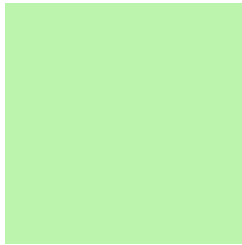
147, 0, 186



46, 0, 59

Previews

White Background



This preview shows how the RYB color 173, 244, 229 looks on a white background.

Color Contrast Check

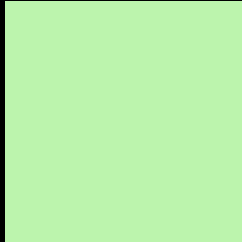
Large Text (above 18pt) WCAG AA × Fail

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 173, 244, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

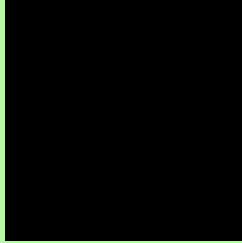
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

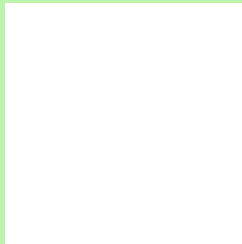
Any Text WCAG AAA ✓ Pass

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

RYB 173, 244, 229 Background



This preview shows how black text looks on a background with the RYB color 173, 244, 229.

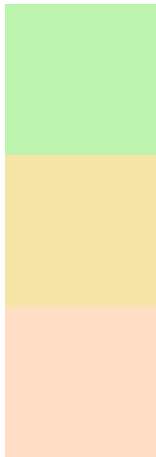


This preview shows how white text looks on a background with the RYB color 173, 244, 229.

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
173, 244, 229

Protanopia
189, 246, 166

Deuteranopia
255, 241, 197



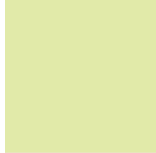
Tritanopia
201, 221, 252

Trichromacy



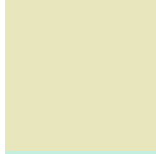
Original Color

173, 244, 229



Protanomaly

169, 234, 178



Deuteranomaly

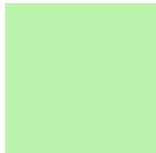
189, 231, 188



Tritanomaly

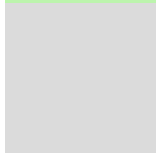
196, 222, 238

Monochromacy



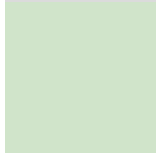
Original Color

173, 244, 229



Achromatopsia

219, 219, 219



Achromatomaly

202, 228, 222

CSS Examples

Text

The CSS property to change the color of the text to RYB 173, 244, 229 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(188, 244, 173)` looks like.

```
.text, #text, p{  
    color:rgb(188, 244, 173)  
}
```

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(188, 244, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 244, 173) }
```

Border

The CSS property to change the border of an element to RYB 173, 244, 229 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(188, 244, 173) }
```

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

```
.border{ border-color:rgb(188, 244, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 244, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 244, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 244, 173);  
box-shadow:4px 4px 4px 4px rgb(188, 244,  
173) }
```

Background

The CSS property to change the background color of an element to RYB 173, 244, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 244, 173) }
```

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

```
.background{ background-color: rgb(188,  
244, 173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor