

Converting Colors

`RYB(184, 228, 229)`

Have a look what the booklet for
RYB(184, 228, 229) contains.

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Color

R_{YB}(184, 228, 229)

Conversions

Conversions Part 1

Format	Color
Hex	B8E5B9
RGB	184, 229, 185
RGB Percent	72%, 90%, 73%
CMY	0.2784, 0.1020, 0.2744
CMYK	0.20, 0.00, 0.19, 0.10
HSL	121°, 46%, 81%
HSV	121°, 20%, 90%
XYZ	56.5458, 69.7327, 56.3910
YIQ	210.5290, -12.6960, -23.2240

Conversions

Conversions Part 2

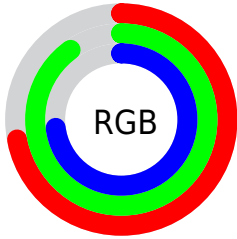
Format	Color
RYB	184, 228, 229
Decimal	12117433
CIELab	86.87, -22.86, 16.74
CIElCh	87, 28.337, 143.785
Yxy	69.7327, 0.3096, 0.3817
Android (android.graphics.Color)	4290307513 (0xFFB8E5B9)
YUV	210.5290, -12.5858, -23.2659
Hunter-Lab	83.5061, -25.2651, 18.4162

Details

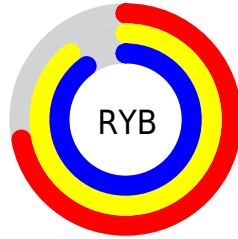
The RYB color **184, 228, 229** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **229, 184, 228**, and the grayscale version is **211, 211, 211**.

A 20% lighter version of the original color is **241, 255, 255**, and **130, 171, 173** is the 20% darker color. If you saturate the color by 10%, you get **161, 227, 229**, and if you desaturate by 10%, it is **207, 229, 229**.

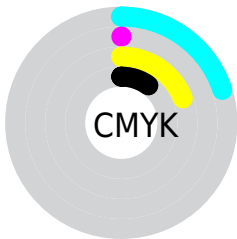
Distribution



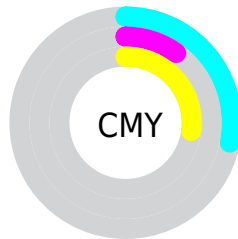
- Red (72%)
- Green (90%)
- Blue (73%)



- Red (72%)
- Yellow (89%)
- Blue (90%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (10%)



- Cyan (28%)
- Magenta (10%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 228, 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 184, 228, 229 by changing the saturation by 10% instead.


 184, 228, 229

255, 255, 255


 241, 255, 255

 184, 228, 229

 157, 200, 201

 130, 171, 173


 105, 145, 147

 80, 119, 121

 55, 92, 96

 32, 68, 72


 7, 42, 49

 0, 30, 30

 0, 0, 0

 184, 228, 229

 184, 228, 229

 161, 227, 229

 207, 229, 229

 138, 227, 229

 230, 229, 230

 115, 226, 229

 253, 229, 252

 92, 225, 229

 255, 229, 255

 69, 225, 229

 47, 225, 229

 24, 225, 229

 1, 224, 229

 0, 224, 229

Harmonies

Analogous

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



168, 222, 175



184, 228, 229



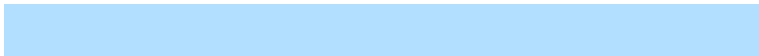
156, 200, 232

Triad

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



184, 228, 229



178, 206, 255



255, 199, 197

Complementary

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



184, 228, 229



229, 184, 228

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, 199, 224



184, 228, 229



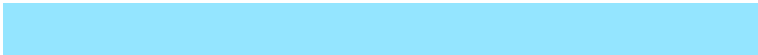
215, 213, 255

Square

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



184, 228, 229



148, 194, 255



247, 204, 250



255, 223, 175

Rectangle

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



184, 228, 229



144, 190, 233



247, 204, 250



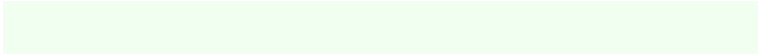
255, 198, 206

Sweetspot

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



184, 228, 229



240, 255, 255



184, 229, 185



119, 128, 128



0, 0, 0



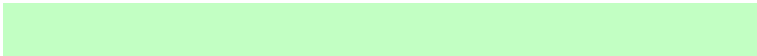
128, 128, 128

Same Dimension

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



184, 228, 229



194, 254, 255



184, 214, 229



103, 114, 115



0, 175, 179



0, 50, 51

Inverse Universe

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



229, 184, 228



255, 194, 254



229, 184, 206



115, 103, 114



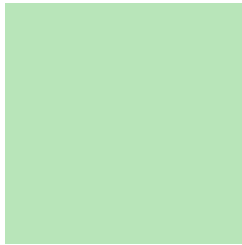
179, 0, 174



51, 0, 50

Previews

White Background



This preview shows how the RYB color 184, 228, 229 looks on a white background.

Color Contrast Check

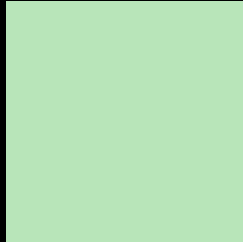
Large Text (above 18pt) WCAG AA × Fail

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 184, 228, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

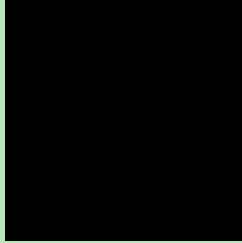
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

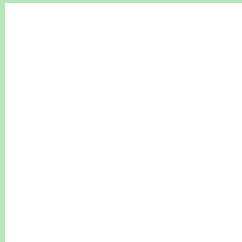
Any Text WCAG AAA ✓ Pass

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

R Y B 184, 228, 229 Background



This preview shows how black text looks on a background with the RYB color 184, 228, 229.

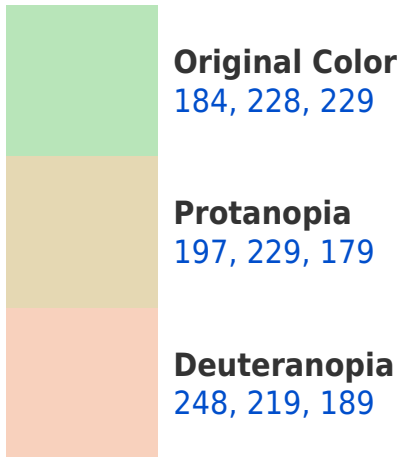


This preview shows how white text looks on a background with the RYB color 184, 228, 229.

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





Tritanopia
193, 211, 239

Trichromacy



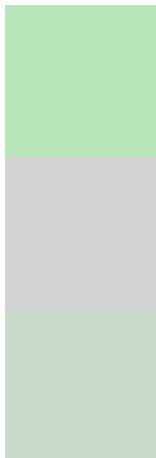
Original Color
184, 228, 229

Protanomaly
181, 221, 189

Deuteranomaly
200, 225, 188

Tritanomaly
190, 209, 225

Monochromacy



Original Color
184, 228, 229

Achromatopsia
211, 211, 211

Achromatomaly
201, 217, 218

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 228, 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(184, 229, 185)` looks like.

```
.text, #text, p{  
    color:rgb(184, 229, 185)  
}
```

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(184, 229, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 229, 185) }
```

Border

The CSS property to change the border of an element to RYB 184, 228, 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(184, 229, 185) }
```

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

```
.border{ border-color:rgb(184, 229, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 229, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 229, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 229, 185); box-shadow:4px 4px 4px 4px rgb(184, 229, 185) }
```

Background

The CSS property to change the background color of an element to RYB 184, 228, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 229, 185) }
```

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

```
.background{ background-color: rgb(184,  
229, 185) }
```

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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