

# Converting Colors

`RYB(184, 225, 218)`

Have a look what the booklet for RYB(184, 225, 218) contains.

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# Color

**R<sub>Y</sub>B(184, 225, 218)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<b>BFE1B8</b>
RGB	191, 225, 184
RGB Percent	75%, 88%, 72%
CMY	0.2510, 0.1176, 0.2784
CMYK	0.15, 0.00, 0.18, 0.12
HSL	110°, 41%, 80%
HSV	110°, 18%, 88%
XYZ	57.0628, 68.3875, 55.5400
YIQ	210.1600, -7.1030, -19.9590

# Conversions

## Conversions Part 2

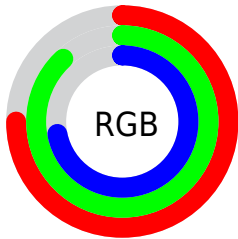
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 225, 218
Decimal	12575160
CIELab	86.20, -18.71, 16.41
CIELCh	86, 24.888, 138.761
Yxy	68.3875, 0.3153, 0.3779
Android (android.graphics.Color)	4290765240 (0xFFBFE1B8)
YUV	210.1600, -12.8969, -16.8033
Hunter-Lab	82.6967, -21.5498, 18.0679

# Details

The RYB color **184, 225, 218** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **218, 184, 225**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **240, 255, 247**, and **131, 170, 164** is the 20% darker color. If you saturate the color by 10%, you get **162, 225, 215**, and if you desaturate by 10%, it is **207, 225, 222**.

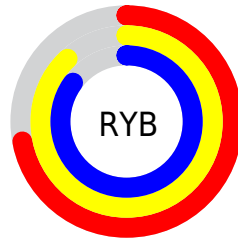
# Distribution



Red (75%)

Green (88%)

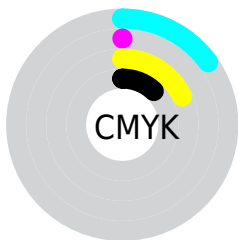
Blue (72%)



Red (72%)

Yellow (88%)

Blue (85%)

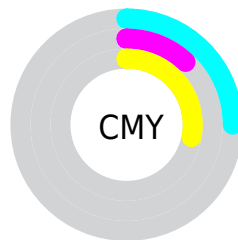


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (12%)



Cyan (25%)

Magenta (12%)

Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the RYB color 184, 225, 218 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, 225, 218 by changing the saturation by 10% instead.





 184, 225, 218

255, 255, 255


 240, 255, 247

 184, 225, 218

 157, 197, 190

 131, 170, 164

 106, 143, 138

 81, 117, 111

 58, 93, 88

 36, 69, 65

 15, 46, 44

 0, 27, 27

 0, 0, 0

 184, 225, 218

 184, 225, 218

 162, 225, 215

 207, 225, 222

 139, 225, 210

 228, 225, 229

 117, 225, 207

 247, 225, 251

 94, 225, 203

 255, 225, 255

 71, 225, 198

 49, 225, 195

 26, 225, 191

 4, 225, 187

 0, 225, 187

# Harmonies

## Analogous

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



171, 219, 172



184, 225, 218



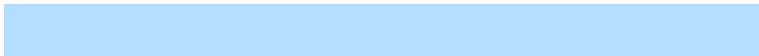
166, 205, 229

# Triad

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



184, 225, 218



177, 205, 255



255, 199, 202

# Complementary

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



184, 225, 218



218, 184, 225

# 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, 226



184, 225, 218



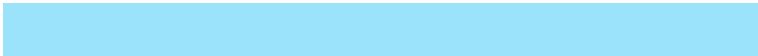
208, 213, 255

# Square

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



184, 225, 218



155, 196, 250



237, 205, 247



255, 214, 181

# Rectangle

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



184, 225, 218



155, 194, 229



237, 205, 247



255, 199, 209



# Sweetspot

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



184, 225, 218



242, 255, 253



194, 225, 184



120, 128, 127



0, 0, 0



128, 128, 128

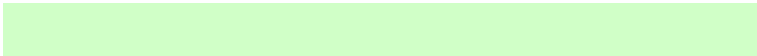


# Same Dimension

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



184, 225, 218



199, 255, 246



184, 215, 225



101, 112, 110



0, 176, 146



0, 48, 40



# Inverse Universe

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



218, 184, 225



245, 199, 255



225, 184, 212



110, 101, 112



146, 0, 176



40, 0, 48



# Previews

## White Background



This preview shows how the RYB color 184, 225, 218 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, 225, 218 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

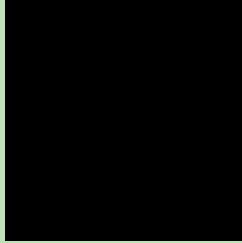
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

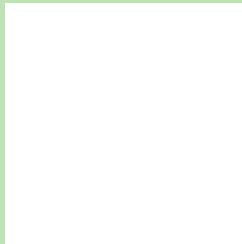
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## R/Y/B 184, 225, 218 Background



This preview shows how black text looks on a background with the R/Y/B color 184, 225, 218.



This preview shows how white text looks on a background with the R/Y/B color 184, 225, 218.

# 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](#).

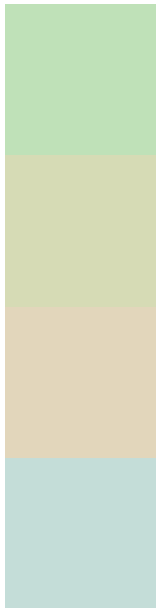
## Dichromacy





**Tritanopia**  
199, 211, 235

# Trichromacy



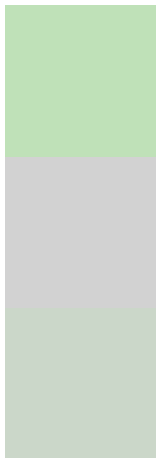
**Original Color**  
184, 225, 218

**Protanomaly**  
181, 219, 186

**Deuteranomaly**  
204, 226, 187

**Tritanomaly**  
196, 210, 221

# Monochromacy



**Original Color**  
184, 225, 218

**Achromatopsia**  
210, 210, 210

**Achromatomaly**  
201, 215, 213

# CSS Examples

## Text

The CSS property to change the color of the text to RYB 184, 225, 218 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(191, 225, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 225, 184)  
}
```

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(191, 225, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 225, 184) }
```

## Border

The CSS property to change the border of an element to RYB 184, 225, 218 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(191, 225, 184) }
```

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

```
.border{ border-color:rgb(191, 225, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 225, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 225, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 225, 184); box-shadow:4px 4px 4px 4px rgb(191, 225, 184) }
```

# Background

The CSS property to change the background color of an element to RYB 184, 225, 218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 225, 184) }
```

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

```
.background{ background-color: rgb(191,  
225, 184) }
```

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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