

Converting Colors

`RYB(183, 217, 216)`

Have a look what the booklet for
RYB(183, 217, 216) contains.

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Color

R_{YB}(183, 217, 216)

Conversions

Conversions Part 1

Format	Color
Hex	B8D9B7
RGB	184, 217, 183
RGB Percent	72%, 85%, 72%
CMY	0.2784, 0.1490, 0.2824
CMYK	0.15, 0.00, 0.16, 0.15
HSL	118°, 31%, 78%
HSV	118°, 16%, 85%
XYZ	53.1273, 63.2350, 54.2052
YIQ	203.2570, -8.7540, -17.5700

Conversions

Conversions Part 2

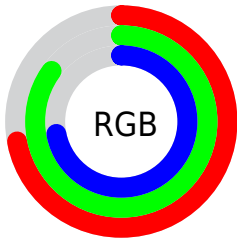
Format	Color
RYB	183, 217, 216
Decimal	12114359
CIELab	83.57, -17.29, 13.16
CIELCh	84, 21.726, 142.735
Yxy	63.2350, 0.3115, 0.3707
Android (android.graphics.Color)	4290304439 (0xFFB8D9B7)
YUV	203.2570, -9.9867, -16.8884
Hunter-Lab	79.5204, -19.9056, 15.2492

Details

The RYB color **183, 217, 216** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **216, 183, 217**, and the grayscale version is **203, 203, 203**.

A 20% lighter version of the original color is **239, 255, 254**, and **130, 162, 161** is the 20% darker color. If you saturate the color by 10%, you get **161, 217, 215**, and if you desaturate by 10%, it is **205, 217, 217**.

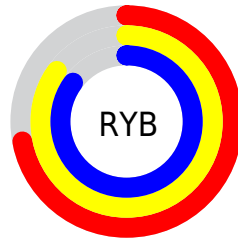
Distribution



Red (72%)

Green (85%)

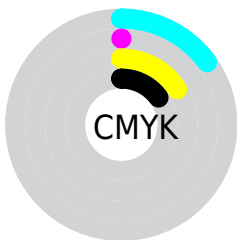
Blue (72%)



Red (72%)

Yellow (85%)

Blue (85%)

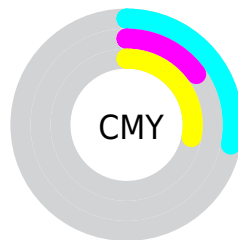


Cyan (15%)

Magenta (0%)

Yellow (16%)

Black (15%)



Cyan (28%)

Magenta (15%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 217, 216 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 183, 217, 216 by changing the saturation by 10% instead.


 183, 217, 216

255, 255, 255


 239, 255, 254

 183, 217, 216

 156, 189, 188


 130, 162, 161

 105, 136, 136

 81, 110, 110

 57, 85, 86

 34, 60, 62

 13, 38, 40

 0, 21, 21

 0, 0, 0

 183, 217, 216

 183, 217, 216

 161, 217, 215

 205, 217, 217

 140, 217, 215

 226, 217, 226

 118, 217, 214

 247, 217, 248

 96, 217, 213

 255, 217, 255

 75, 217, 213

 53, 217, 212

 31, 217, 211

 9, 217, 210

 0, 217, 211

Harmonies

Analogous

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



170, 212, 175



183, 217, 216



164, 197, 220

Triad

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



183, 217, 216



179, 201, 248



251, 195, 193

Complementary

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



183, 217, 216



216, 183, 217

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.



246, 194, 214



183, 217, 216



206, 205, 246

Square

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



183, 217, 216



158, 192, 240



230, 198, 233



245, 210, 177

Rectangle

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



183, 217, 216



155, 189, 220



230, 198, 233



251, 194, 200

Sweetspot

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



183, 217, 216



242, 255, 254



184, 217, 183



120, 128, 128



0, 0, 0



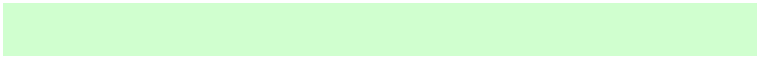
128, 128, 128

Same Dimension

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



183, 217, 216



207, 255, 254



183, 206, 217



99, 110, 110



0, 173, 168



0, 46, 45

Inverse Universe

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



216, 183, 217



254, 207, 255



217, 183, 201



109, 99, 110



168, 0, 173



45, 0, 46

Previews

White Background



This preview shows how the RYB color 183, 217, 216 looks on a white background.

Color Contrast Check

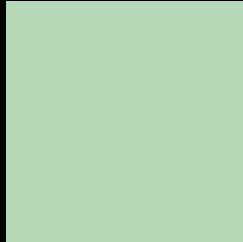
Large Text (above 18pt) WCAG AA × Fail

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 183, 217, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

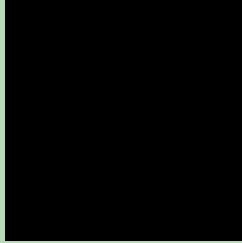
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

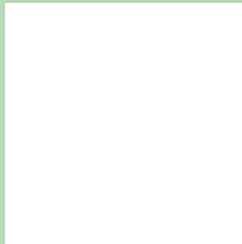
Any Text WCAG AAA ✓ Pass

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

RYB 183, 217, 216 Background



This preview shows how black text looks on a background with the RYB color 183, 217, 216.

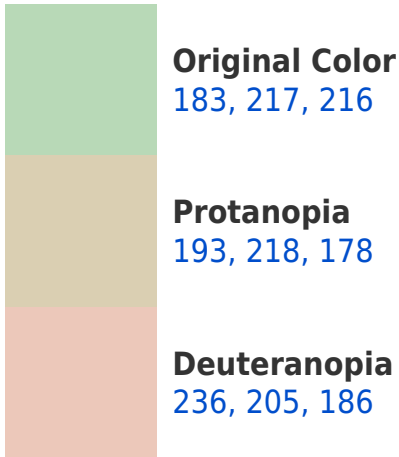


This preview shows how white text looks on a background with the RYB color 183, 217, 216.

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](#).

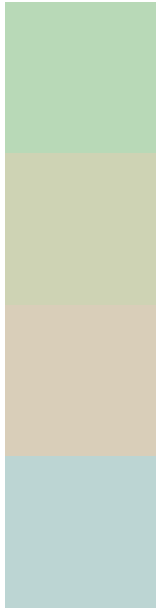
Dichromacy





Tritanopia
191, 204, 228

Trichromacy



Original Color
183, 217, 216

Protanomaly
180, 211, 185

Deuteranomaly
202, 217, 185

Tritanomaly
188, 201, 213

Monochromacy



Original Color
183, 217, 216

Achromatopsia
203, 203, 203

Achromatomaly
196, 208, 208

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 217, 216 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, 217, 183)` looks like.

```
.text, #text, p{  
    color:rgb(184, 217, 183)  
}
```

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, 217, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 217, 183) }
```

Border

The CSS property to change the border of an element to RYB 183, 217, 216 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, 217, 183) }
```

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

```
.border{ border-color:rgb(184, 217, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 217, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 217, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 217, 183);  
box-shadow:4px 4px 4px 4px rgb(184, 217,  
183) }
```

Background

The CSS property to change the background color of an element to RYB 183, 217, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 217, 183) }
```

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

```
.background{ background-color: rgb(184,  
217, 183) }
```

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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