

Converting Colors

`RYB(181, 207, 215)`

Have a look what the booklet for
RYB(181, 207, 215) contains.

RYB(181, 207, 215)	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(181, 207, 215)

Conversions

Conversions Part 1

Format	Color
Hex	B5D7BF
RGB	181, 215, 191
RGB Percent	71%, 84%, 75%
CMY	0.2902, 0.1569, 0.2492
CMYK	0.16, 0.00, 0.11, 0.16
HSL	138°, 30%, 78%
HSV	138°, 16%, 84%
XYZ	52.8114, 62.2066, 58.7806
YIQ	202.0980, -12.5600, -14.6720

Conversions

Conversions Part 2

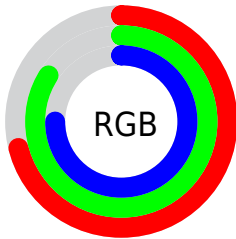
Format	Color
RYB	181, 207, 215
Decimal	11917247
CIELab	83.02, -15.77, 7.88
CIELCh	83, 17.628, 153.450
Yxy	62.2066, 0.3039, 0.3579
Android (android.graphics.Color)	4290107327 (0xFFB5D7BF)
YUV	202.0980, -5.4713, -18.5029
Hunter-Lab	78.8711, -18.5026, 11.0226

Details

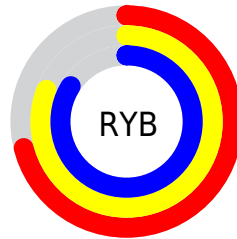
The RYB color **181, 207, 215** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **215, 181, 205**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **237, 249, 255**, and **128, 152, 160** is the 20% darker color. If you saturate the color by 10%, you get **160, 202, 215**, and if you desaturate by 10%, it is **203, 213, 215**.

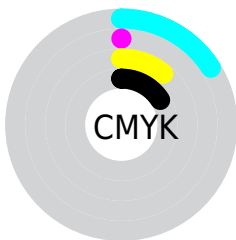
Distribution



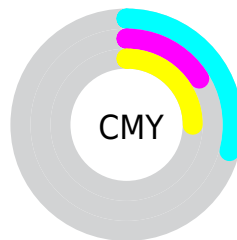
- Red (71%)
- Green (84%)
- Blue (75%)



- Red (71%)
- Yellow (81%)
- Blue (84%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (16%)



- Cyan (29%)
- Magenta (16%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 207, 215 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 181, 207, 215 by changing the saturation by 10% instead.

 181, 207, 215


255, 255, 255

 237, 248, 255

 181, 207, 215

 154, 179, 187

 128, 152, 160


 102, 126, 134

 78, 101, 109

 55, 77, 84

 32, 53, 61

 10, 31, 39

 0, 18, 18

 0, 0, 0

 181, 207, 215

 181, 207, 215

 160, 202, 215


 203, 213, 215

 138, 197, 215


 224, 215, 221

 117, 192, 215


 246, 215, 236


 95, 187, 215


 255, 215, 251


 74, 182, 215

 255, 215, 255

 52, 177, 215

 30, 171, 215

 9, 167, 215

 0, 165, 215

Harmonies

Analogous

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



179, 211, 191



181, 207, 215



167, 194, 217

Triad

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



181, 207, 215



191, 204, 239



241, 198, 189

Complementary

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



181, 207, 215



215, 181, 205

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.



240, 195, 205



181, 207, 215



212, 202, 234

Square

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



181, 207, 215



173, 197, 236



230, 197, 222



233, 218, 178

Rectangle

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



181, 207, 215



164, 191, 219



230, 197, 222



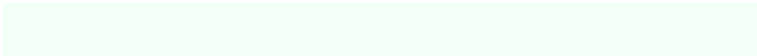
242, 196, 194

Sweetspot

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



181, 207, 215



242, 252, 255



181, 215, 191



120, 126, 128



0, 0, 0



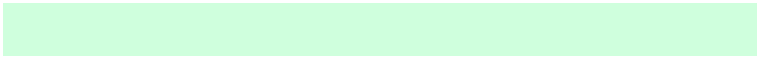
128, 128, 128

Same Dimension

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



181, 207, 215



207, 244, 255



181, 200, 215



96, 104, 107



0, 131, 171



0, 33, 43

Inverse Universe

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



215, 181, 205



255, 207, 240



215, 181, 188



107, 96, 104



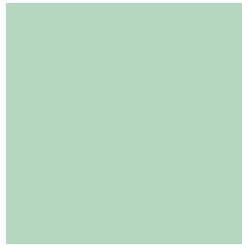
171, 0, 118



43, 0, 30

Previews

White Background



This preview shows how the RYB color 181, 207, 215 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 181, 207, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

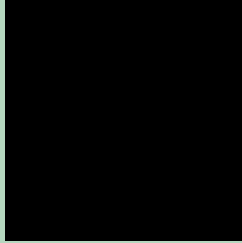
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

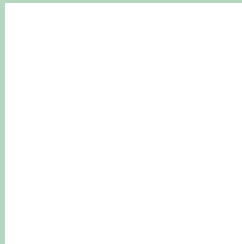
Any Text WCAG AAA ✓ Pass

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

RYB 181, 207, 215 Background



This preview shows how black text looks on a background with the RYB color 181, 207, 215.

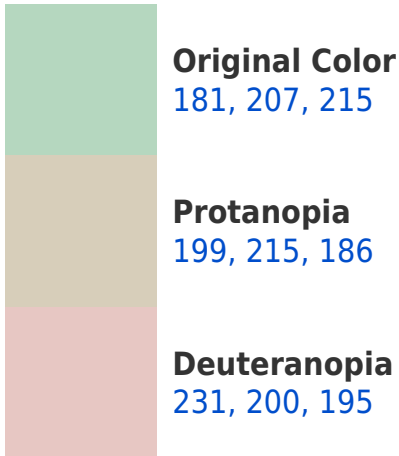


This preview shows how white text looks on a background with the RYB color 181, 207, 215.

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](#).

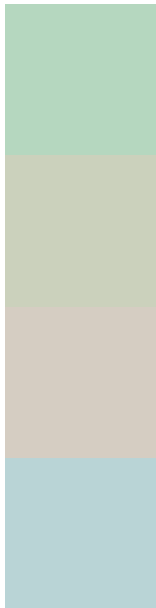
Dichromacy





Tritanopia
187, 202, 227

Trichromacy



Original Color
181, 207, 215

Protanomaly
188, 209, 194

Deuteranomaly
208, 213, 194

Tritanomaly
185, 199, 214

Monochromacy



Original Color
181, 207, 215

Achromatopsia
202, 202, 202

Achromatomaly
194, 204, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 207, 215 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(181, 215, 191)` looks like.

```
.text, #text, p{  
    color:rgb(181, 215, 191)  
}
```

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(181, 215, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 215, 191) }
```

Border

The CSS property to change the border of an element to RYB 181, 207, 215 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(181, 215, 191) }
```

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

```
.border{ border-color:rgb(181, 215, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 215, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 215, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 215, 191);  
box-shadow:4px 4px 4px 4px rgb(181, 215,  
191) }
```

Background

The CSS property to change the background color of an element to RYB 181, 207, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 215, 191) }
```

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

```
.background{ background-color: rgb(181,  
215, 191) }
```

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