

Converting Colors

`RYB(184, 215, 222)`

Have a look what the booklet for
RYB(184, 215, 222) contains.

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Color

R_YB(184, 215, 222)

Conversions

Conversions Part 1

Format	Color
Hex	B8DEC1
RGB	184, 222, 193
RGB Percent	72%, 87%, 76%
CMY	0.2784, 0.1294, 0.2448
CMYK	0.17, 0.00, 0.13, 0.13
HSL	134°, 37%, 80%
HSV	134°, 17%, 87%
XYZ	55.4674, 66.2645, 60.0740
YIQ	207.3320, -13.3390, -17.0750

Conversions

Conversions Part 2

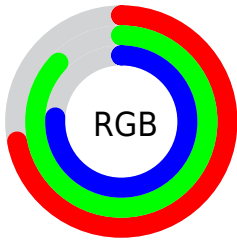
Format	Color
RYB	184, 215, 222
Decimal	12115649
CIELab	85.13, -18.08, 10.33
CIELCh	85, 20.819, 150.259
Yxy	66.2645, 0.3051, 0.3645
Android (android.graphics.Color)	4290305729 (0xFFB8DEC1)
YUV	207.3320, -7.0657, -20.4622
Hunter-Lab	81.4030, -20.8267, 13.2271

Details

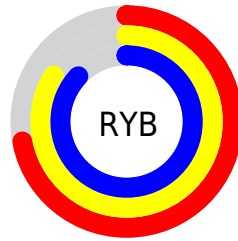
The RYB color **184, 215, 222** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **222, 184, 213**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **240, 249, 255**, and **131, 160, 167** is the 20% darker color. If you saturate the color by 10%, you get **162, 211, 222**, and if you desaturate by 10%, it is **206, 219, 222**.

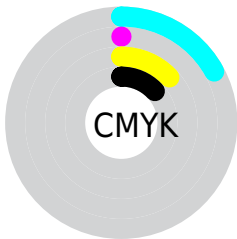
Distribution



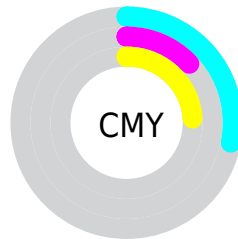
- Red (72%)
- Green (87%)
- Blue (76%)



- Red (72%)
- Yellow (84%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 215, 222 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, 215, 222 by changing the saturation by 10% instead.


 184, 215, 222

255, 255, 255


 240, 249, 255

 184, 215, 222

 157, 187, 194


 131, 160, 167

 105, 133, 140

 80, 108, 115

 57, 83, 90

 34, 59, 66

 11, 35, 44

 0, 25, 25

 0, 0, 0

 184, 215, 222

 184, 215, 222

 162, 211, 222


 206, 219, 222

 140, 207, 222


 228, 222, 227


 117, 202, 222


 251, 222, 244


 95, 198, 222


 255, 222, 255

 73, 194, 222

 51, 191, 222

 29, 187, 222

 6, 182, 222

 0, 181, 222

Harmonies

Analogous

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



178, 217, 189



184, 215, 222



166, 198, 224

Triad

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



184, 215, 222



191, 208, 252



254, 201, 194

Complementary

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



184, 215, 222



222, 184, 213

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.



252, 199, 213



184, 215, 222



217, 208, 247

Square

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



184, 215, 222



169, 200, 246



239, 202, 232



245, 222, 179

Rectangle

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



184, 215, 222



160, 192, 225



239, 202, 232



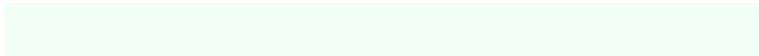
254, 199, 200

Sweetspot

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



184, 215, 222



242, 253, 255



184, 222, 192



120, 126, 128



0, 0, 0



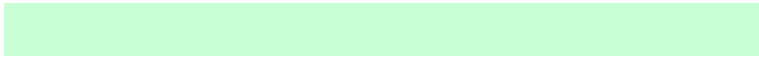
128, 128, 128

Same Dimension

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



184, 215, 222



201, 245, 255



184, 206, 222



101, 110, 112



0, 143, 176



0, 39, 48

Inverse Universe

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



222, 184, 213



255, 201, 243



222, 184, 195



112, 101, 110



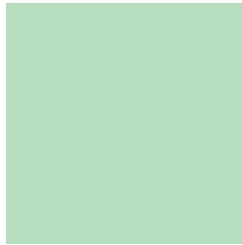
176, 0, 136



48, 0, 38

Previews

White Background



This preview shows how the RYB color 184, 215, 222 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, 215, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

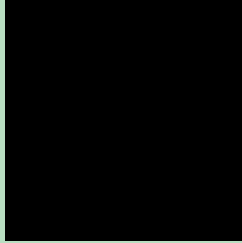
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

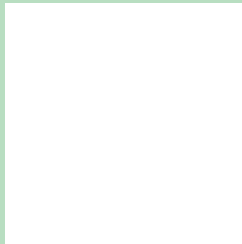
Any Text WCAG AAA ✓ Pass

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

RYB 184, 215, 222 Background



This preview shows how black text looks on a background with the RYB color 184, 215, 222.



This preview shows how white text looks on a background with the RYB color 184, 215, 222.

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](#).

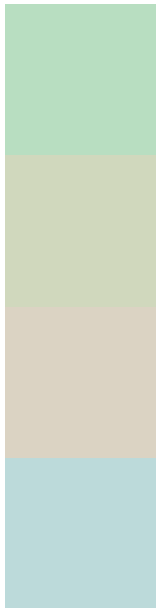
Dichromacy





Tritanopia
191, 207, 233

Trichromacy



Original Color
184, 215, 222

Protanomaly
189, 216, 197

Deuteranomaly
207, 219, 195

Tritanomaly
188, 203, 218

Monochromacy



Original Color
184, 215, 222

Achromatopsia
207, 207, 207

Achromatomaly
199, 210, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 215, 222 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, 222, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 222, 193)  
}
```

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, 222, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 222, 193) }
```

Border

The CSS property to change the border of an element to RYB 184, 215, 222 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, 222, 193) }
```

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

```
.border{ border-color:rgb(184, 222, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 222, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 222, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 222, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 222,  
193) }
```

Background

The CSS property to change the background color of an element to RYB 184, 215, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 222, 193) }
```

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

```
.background{ background-color: rgb(184,  
222, 193) }
```

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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