

Converting Colors

`RYB(184, 200, 213)`

Have a look what the booklet for
RYB(184, 200, 213) contains.

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Color

R_YB(184, 200, 213)

Conversions

Conversions Part 1

Format	Color
Hex	B8D5D0
RGB	184, 213, 208
RGB Percent	72%, 84%, 82%
CMY	0.2784, 0.1647, 0.1860
CMYK	0.14, 0.00, 0.03, 0.16
HSL	169°, 26%, 78%
HSV	169°, 14%, 84%
XYZ	54.8928, 62.3114, 68.5268
YIQ	203.7590, -15.6790, -7.7030

Conversions

Conversions Part 2

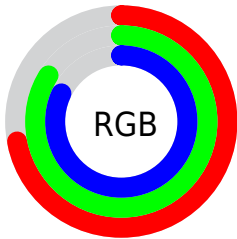
Format	Color
RYB	184, 200, 213
Decimal	12113360
CIELab	83.08, -10.68, -0.57
CIELCh	83, 10.693, 183.051
Yxy	62.3114, 0.2956, 0.3355
Android (android.graphics.Color)	4290303440 (0xFFB8D5D0)
YUV	203.7590, 2.0908, -17.3286
Hunter-Lab	78.9376, -14.0127, 3.7858

Details

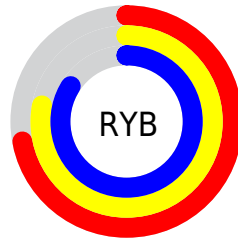
The RYB color **184, 200, 213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **213, 184, 189**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **240, 248, 255**, and **131, 146, 158** is the 20% darker color. If you saturate the color by 10%, you get **163, 190, 213**, and if you desaturate by 10%, it is **205, 209, 213**.

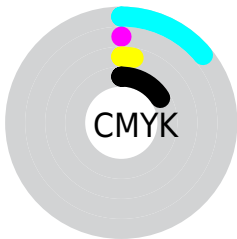
Distribution



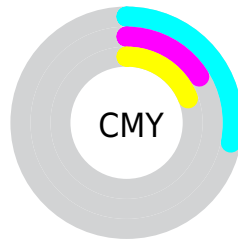
- Red (72%)
- Green (84%)
- Blue (82%)



- Red (72%)
- Yellow (78%)
- Blue (84%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (16%)



- Cyan (28%)
- Magenta (16%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 184, 200, 213 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, 200, 213 by changing the saturation by 10% instead.


 184, 200, 213

255, 255, 255


 240, 248, 255

 184, 200, 213

 157, 172, 185


 131, 146, 158


 105, 120, 132

 81, 95, 107

 57, 71, 83

 35, 49, 60


 13, 27, 38

 0, 11, 18


 0, 0, 0

 184, 200, 213


 184, 200, 213

 163, 190, 213


 205, 209, 213

 141, 181, 213


 227, 213, 216

 120, 171, 213


 248, 213, 220

 99, 162, 213


 255, 213, 224

 77, 152, 213


 255, 213, 228

 56, 142, 213


 255, 213, 232

 35, 133, 213

 255, 213, 236

 14, 124, 213

 255, 213, 240

 0, 118, 213

 255, 213, 244

Harmonies

Analogous

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



192, 207, 212



184, 200, 213



182, 198, 217

Triad

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



184, 200, 213



210, 204, 224



224, 212, 189

Complementary

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



184, 200, 213



213, 184, 189

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.



229, 202, 196



184, 200, 213



221, 201, 216

Square

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



184, 200, 213



198, 205, 227



228, 200, 206



198, 214, 187

Rectangle

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



184, 200, 213



185, 200, 223



228, 200, 206



226, 207, 191

Sweetspot

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



184, 200, 213



245, 251, 255



184, 213, 207



121, 125, 128



0, 0, 0



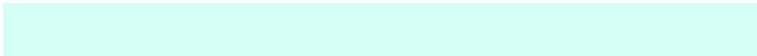
128, 128, 128

Same Dimension

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



184, 200, 213



214, 237, 255



184, 196, 213



96, 102, 107



0, 94, 171



0, 24, 43

Inverse Universe

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



213, 184, 189



255, 214, 222



213, 197, 184



107, 96, 98



171, 0, 32



43, 0, 8

Previews

White Background



This preview shows how the RYB color 184, 200, 213 looks on a white background.

Color Contrast Check

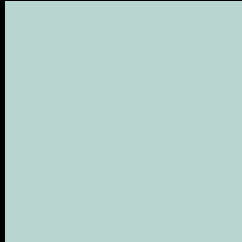
Large Text (above 18pt) WCAG AA × Fail

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, 200, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

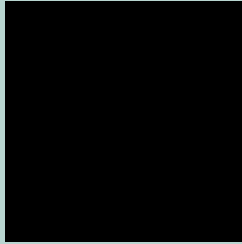
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

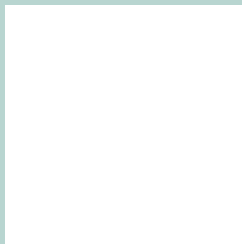
Any Text WCAG AAA ✓ Pass

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

RYB 184, 200, 213 Background



This preview shows how black text looks on a background with the RYB color 184, 200, 213.

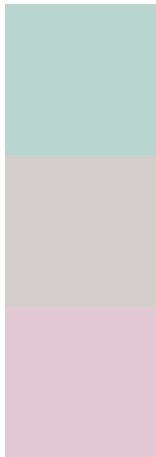


This preview shows how white text looks on a background with the RYB color 184, 200, 213.

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



Original Color
184, 200, 213

Protanopia
211, 208, 203

Deuteranopia
225, 200, 210



Tritanopia
187, 202, 227

Trichromacy



Original Color

184, 200, 213

Protanomaly

201, 206, 209

Deuteranomaly

210, 205, 209

Tritanomaly

186, 200, 220

Monochromacy



Original Color

184, 200, 213

Achromatopsia

204, 204, 204

Achromatomaly

197, 203, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 184, 200, 213 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, 213, 208)` looks like.

```
.text, #text, p{  
    color:rgb(184, 213, 208)  
}
```

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, 213, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 213, 208) }
```

Border

The CSS property to change the border of an element to RYB 184, 200, 213 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, 213, 208) }
```

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

```
.border{ border-color:rgb(184, 213, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 213, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 213, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 213, 208);  
box-shadow:4px 4px 4px 4px rgb(184, 213,  
208) }
```

Background

The CSS property to change the background color of an element to RYB 184, 200, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 213, 208) }
```

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

```
.background{ background-color: rgb(184,  
213, 208) }
```

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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