

Converting Colors

`RYB(183, 203, 220)`

Have a look what the booklet for
RYB(183, 203, 220) contains.

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Color

R_YB(183, 203, 220)

Conversions

Conversions Part 1

Format	Color
Hex	B7DCD6
RGB	183, 220, 214
RGB Percent	72%, 86%, 84%
CMY	0.2824, 0.1373, 0.1590
CMYK	0.17, 0.00, 0.03, 0.14
HSL	171°, 35%, 79%
HSV	171°, 17%, 86%
XYZ	57.3168, 66.1317, 73.6638
YIQ	208.2530, -20.1260, -9.7100

Conversions

Conversions Part 2

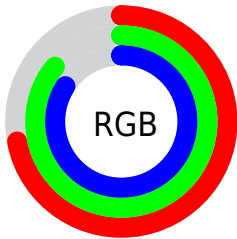
Format	Color
R _{YB}	183, 203, 220
Decimal	12049622
CIE Lab	85.06, -13.19, -1.33
CIE LCh	85, 13.259, 185.744
Yxy	66.1317, 0.2908, 0.3355
Android (android.graphics.Color)	4290239702 (0xFFB7DCD6)
YUV	208.2530, 2.8333, -22.1469
Hunter-Lab	81.3214, -16.5025, 3.2180

Details

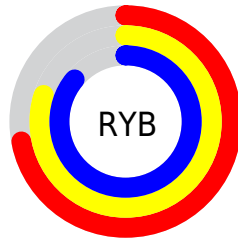
The RYB color **183, 203, 220** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **220, 183, 189**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **239, 247, 255**, and **129, 149, 165** is the 20% darker color. If you saturate the color by 10%, you get **161, 193, 220**, and if you desaturate by 10%, it is **205, 213, 220**.

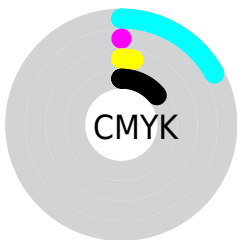
Distribution



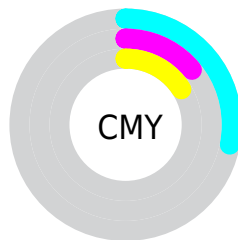
- Red (72%)
- Green (86%)
- Blue (84%)



- Red (72%)
- Yellow (80%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (3%)
- Black (14%)



- Cyan (28%)
- Magenta (14%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 203, 220 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, 203, 220 by changing the saturation by 10% instead.

 183, 203, 220

255, 255, 255

 239, 247, 255

 183, 203, 220

 156, 175, 192

 129, 148, 165

 104, 123, 139

 79, 97, 113

 55, 73, 89

 32, 50, 65


 9, 27, 43

 0, 13, 23

 0, 0, 0

 183, 203, 220


 183, 203, 220

 161, 193, 220


 205, 213, 220

 139, 183, 220


 227, 220, 221

 117, 173, 220


 249, 220, 224

 95, 163, 220


 255, 220, 228

 73, 152, 220

 255, 220, 231

 51, 142, 220


 255, 220, 234

 29, 132, 220

 255, 220, 238

 7, 122, 220

 255, 220, 241

 0, 119, 220

 255, 220, 244

Harmonies

Analogous

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



192, 212, 219



183, 203, 220



181, 202, 227

Triad

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



183, 203, 220



218, 209, 233



232, 222, 190

Complementary

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



183, 203, 220



220, 183, 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.



239, 206, 198



183, 203, 220



231, 205, 223

Square

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



183, 203, 220



202, 210, 237



239, 204, 210



199, 220, 188

Rectangle

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



183, 203, 220



185, 205, 233



239, 204, 210



235, 215, 192

Sweetspot

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



183, 203, 220



242, 249, 255



183, 220, 214



120, 125, 128



0, 0, 0



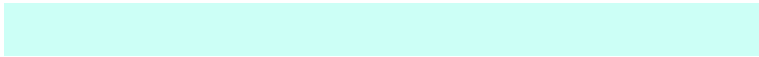
128, 128, 128

Same Dimension

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



183, 203, 220



204, 232, 255



183, 198, 220



99, 105, 110



0, 94, 173



0, 25, 46

Inverse Universe

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



220, 183, 189



255, 204, 212



220, 203, 183



110, 99, 100



173, 0, 26



46, 0, 7

Previews

White Background



This preview shows how the RYB color 183, 203, 220 looks on a white background.

Color Contrast Check

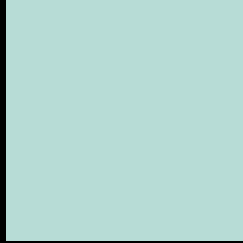
Large Text (above 18pt) WCAG AA × Fail

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, 203, 220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

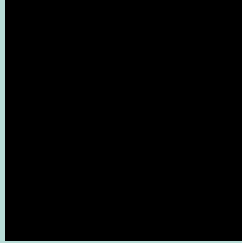
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

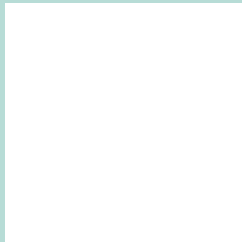
Any Text WCAG AAA ✓ Pass

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

RYB 183, 203, 220 Background



This preview shows how black text looks on a background with the RYB color 183, 203, 220.

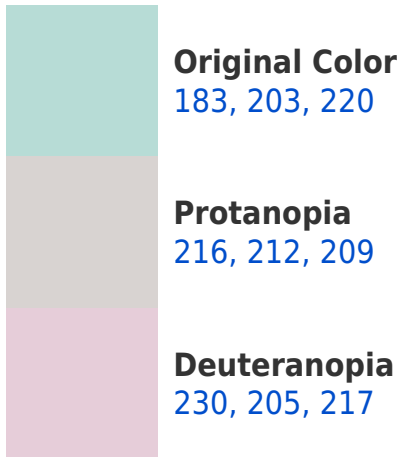


This preview shows how white text looks on a background with the RYB color 183, 203, 220.

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, 205, 234

Trichromacy



Original Color
183, 203, 220

Protanomaly
204, 210, 214

Deuteranomaly
213, 210, 216

Tritanomaly
186, 204, 227

Monochromacy



Original Color
183, 203, 220

Achromatopsia
208, 208, 208

Achromatomaly
199, 206, 212

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 203, 220 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(183, 220, 214)` looks like.

```
.text, #text, p{  
    color:rgb(183, 220, 214)  
}
```

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(183, 220, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 220, 214) }
```

Border

The CSS property to change the border of an element to RYB 183, 203, 220 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(183, 220, 214) }
```

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

```
.border{ border-color:rgb(183, 220, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 220, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 220, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 220, 214);  
box-shadow:4px 4px 4px 4px rgb(183, 220,  
214) }
```

Background

The CSS property to change the background color of an element to RYB 183, 203, 220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 220, 214) }
```

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

```
.background{ background-color: rgb(183,  
220, 214) }
```

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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