

Converting Colors

`RYB(183, 206, 221)`

Have a look what the booklet for
RYB(183, 206, 221) contains.

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Color

R_YB(183, 206, 221)

Conversions

Conversions Part 1

Format	Color
Hex	B7DDD0
RGB	183, 221, 208
RGB Percent	72%, 87%, 82%
CMY	0.2824, 0.1333, 0.1852
CMYK	0.17, 0.00, 0.06, 0.13
HSL	159°, 36%, 79%
HSV	159°, 17%, 87%
XYZ	56.7433, 66.3236, 69.3454
YIQ	208.1560, -18.4750, -12.0990

Conversions

Conversions Part 2

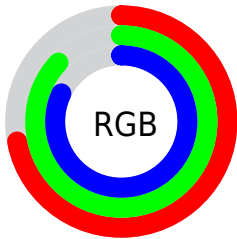
Format	Color
R _{YB}	183, 206, 221
Decimal	12049872
CIE Lab	85.16, -15.03, 2.34
CIE LCh	85, 15.208, 171.143
Yxy	66.3236, 0.2949, 0.3447
Android (android.graphics.Color)	4290239952 (0xFFB7DDD0)
YUV	208.1560, -0.0769, -22.0618
Hunter-Lab	81.4393, -18.1477, 6.5222

Details

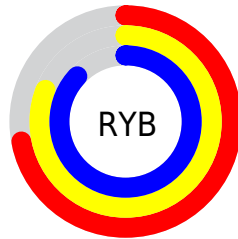
The RYB color **183, 206, 221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **221, 183, 196**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **239, 247, 255**, and **130, 152, 166** is the 20% darker color. If you saturate the color by 10%, you get **161, 197, 221**, and if you desaturate by 10%, it is **205, 215, 221**.

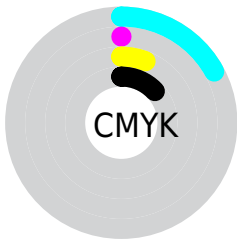
Distribution



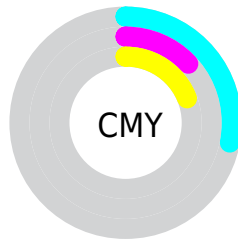
- Red (72%)
- Green (87%)
- Blue (82%)



- Red (72%)
- Yellow (81%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (28%)
- Magenta (13%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 183, 206, 221 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, 206, 221 by changing the saturation by 10% instead.


 183, 206, 221


255, 255, 255


 239, 247, 255

 183, 206, 221

 156, 178, 193

 130, 152, 166


 104, 125, 139

 79, 100, 114

 56, 75, 89

 33, 52, 66


 9, 29, 43

 0, 16, 24

 0, 0, 0

 183, 206, 221

 183, 206, 221

 161, 197, 221


 205, 215, 221

 139, 189, 221


 227, 221, 223

 117, 180, 221


 249, 221, 231

 95, 171, 221


 255, 221, 239

 73, 163, 221


 255, 221, 246

 50, 153, 221

 255, 221, 254

 28, 145, 221

 255, 221, 255

 6, 136, 221

 0, 134, 221

Harmonies

Analogous

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



194, 219, 216



183, 206, 221



176, 199, 222

Triad

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



183, 206, 221



210, 210, 239



240, 213, 191

Complementary

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



183, 206, 221



221, 183, 196

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.



244, 203, 203



183, 206, 221



227, 206, 231

Square

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



183, 206, 221



192, 208, 241



239, 203, 218



218, 229, 185

Rectangle

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



183, 206, 221



177, 201, 231



239, 203, 218



242, 208, 194

Sweetspot

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



183, 206, 221



242, 250, 255



183, 221, 208



120, 125, 128



0, 0, 0



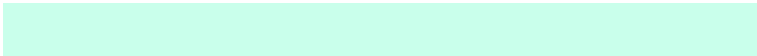
128, 128, 128

Same Dimension

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



183, 206, 221



201, 234, 255



183, 200, 221



99, 106, 110



0, 105, 173



0, 28, 46

Inverse Universe

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



221, 183, 196



255, 201, 220



221, 190, 183



110, 99, 102



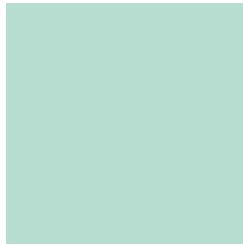
173, 0, 60



46, 0, 16

Previews

White Background



This preview shows how the RYB color 183, 206, 221 looks on a white background.

Color Contrast Check

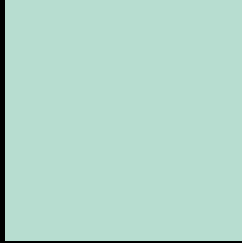
Large Text (above 18pt) WCAG AA × Fail

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, 206, 221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

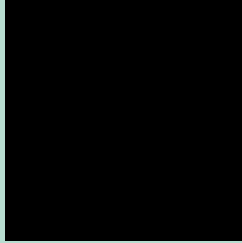
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

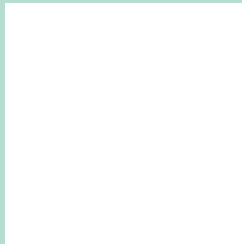
Any Text WCAG AAA ✓ Pass

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

RYB 183, 206, 221 Background



This preview shows how black text looks on a background with the RYB color 183, 206, 221.



This preview shows how white text looks on a background with the RYB color 183, 206, 221.

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
188, 206, 234

Trichromacy



Original Color
183, 206, 221

Protanomaly
204, 215, 214

Deuteranomaly
215, 211, 210

Tritanomaly
186, 203, 224

Monochromacy



Original Color
183, 206, 221

Achromatopsia
208, 208, 208

Achromatomaly
199, 208, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 183, 206, 221 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, 221, 208)` looks like.

```
.text, #text, p{  
    color:rgb(183, 221, 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(183, 221, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 221, 208) }
```

Border

The CSS property to change the border of an element to RYB 183, 206, 221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

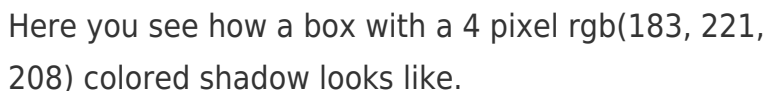
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(183, 221, 208) }
```

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

```
.border{ border-color:rgb(183, 221, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(183, 221, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 221, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 221, 208); box-shadow:4px 4px 4px 4px rgb(183, 221, 208) }
```

Background

The CSS property to change the background color of an element to RYB 183, 206, 221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 221, 208) }
```

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

```
.background{ background-color: rgb(183,  
221, 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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