

Converting Colors

`RYB(181, 220, 219)`

Have a look what the booklet for
RYB(181, 220, 219) contains.

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Color

R_{YB}(181, 220, 219)

Conversions

Conversions Part 1

Format	Color
Hex	B6DCB5
RGB	182, 220, 181
RGB Percent	71%, 86%, 71%
CMY	0.2863, 0.1373, 0.2902
CMYK	0.17, 0.00, 0.18, 0.14
HSL	118°, 36%, 79%
HSV	118°, 18%, 86%
XYZ	53.2251, 64.4677, 53.3543
YIQ	204.1920, -10.1290, -20.1850

Conversions

Conversions Part 2

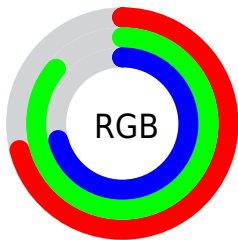
Format	Color
RYB	181, 220, 219
Decimal	11984053
CIELab	84.21, -19.81, 15.10
CIELCh	84, 24.906, 142.687
Yxy	64.4677, 0.3112, 0.3769
Android (android.graphics.Color)	4290174133 (0xFFB6DCB5)
YUV	204.1920, -11.4337, -19.4624
Hunter-Lab	80.2918, -22.1837, 16.8057

Details

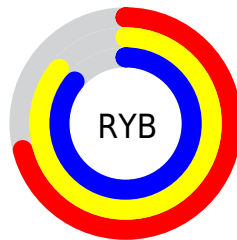
The RYB color **181, 220, 219** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **219, 181, 220**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **237, 255, 254**, and **128, 165, 164** is the 20% darker color. If you saturate the color by 10%, you get **159, 220, 218**, and if you desaturate by 10%, it is **203, 220, 220**.

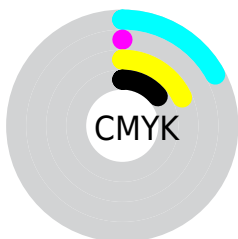
Distribution



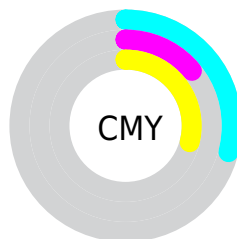
- Red (71%)
- Green (86%)
- Blue (71%)



- Red (71%)
- Yellow (86%)
- Blue (86%)



- Cyan (17%)
- Magenta (0%)
- Yellow (18%)
- Black (14%)



- Cyan (29%)
- Magenta (14%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 181, 220, 219 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, 220, 219 by changing the saturation by 10% instead.

 181, 220, 219

255, 255, 255


 237, 255, 254

 181, 220, 219

 154, 192, 191

 128, 165, 164

 103, 138, 138

 78, 112, 113

 55, 87, 88

 32, 63, 65

 9, 38, 42

 0, 23, 23

 0, 0, 0

 181, 220, 219

 181, 220, 219

 159, 220, 218

 203, 220, 220

 137, 220, 218

 225, 220, 225

 115, 220, 217

 246, 220, 247

 93, 220, 217

 255, 220, 255

 71, 220, 216

 49, 220, 216

 27, 220, 215

 5, 220, 214

 0, 220, 214

Harmonies

Analogous

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



167, 214, 172



181, 220, 219



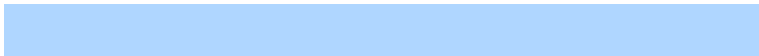
158, 196, 223

Triad

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



181, 220, 219



175, 201, 255



255, 194, 193

Complementary

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



181, 220, 219



219, 181, 220

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.



253, 194, 217



181, 220, 219



207, 206, 253

Square

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



181, 220, 219



151, 191, 247



235, 198, 239



251, 211, 174

Rectangle

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



181, 220, 219



147, 187, 224



235, 198, 239



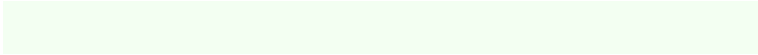
255, 193, 201

Sweetspot

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



181, 220, 219



242, 255, 254



182, 220, 181



120, 128, 128



0, 0, 0



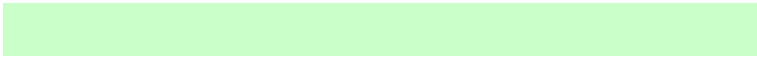
128, 128, 128

Same Dimension

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



181, 220, 219



201, 255, 253



181, 208, 220



99, 110, 110



0, 173, 169



0, 46, 45

Inverse Universe

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



219, 181, 220



254, 201, 255



220, 181, 202



109, 99, 110



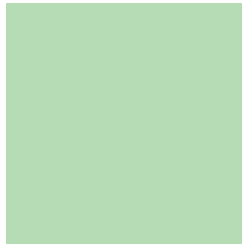
169, 0, 173



45, 0, 46

Previews

White Background



This preview shows how the RYB color 181, 220, 219 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, 220, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

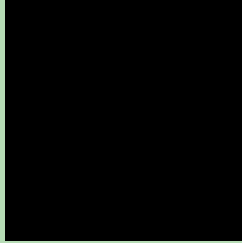
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

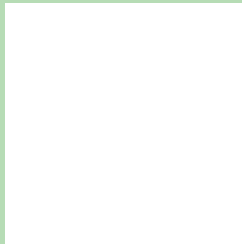
Any Text WCAG AAA ✓ Pass

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

RYB 181, 220, 219 Background



This preview shows how black text looks on a background with the RYB color 181, 220, 219.

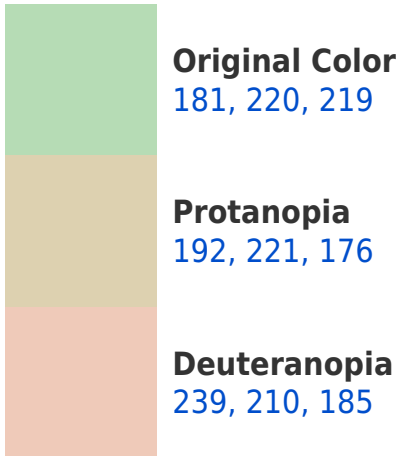


This preview shows how white text looks on a background with the RYB color 181, 220, 219.

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](#).

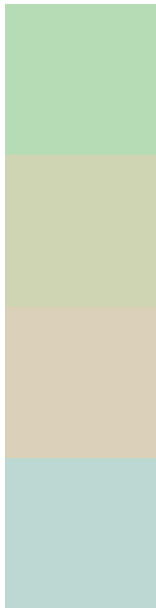
Dichromacy





Tritanopia
190, 205, 230

Trichromacy



Original Color
181, 220, 219

Protanomaly
178, 213, 184

Deuteranomaly
196, 218, 184

Tritanomaly
187, 203, 216

Monochromacy



Original Color
181, 220, 219

Achromatopsia
204, 204, 204

Achromatomaly
196, 210, 210

CSS Examples

Text

The CSS property to change the color of the text to RYB 181, 220, 219 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(182, 220, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 220, 181)  
}
```

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(182, 220, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 220, 181) }
```

Border

The CSS property to change the border of an element to RYB 181, 220, 219 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(182, 220, 181) }
```

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

```
.border{ border-color:rgb(182, 220, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 220, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 220, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 220, 181);  
box-shadow:4px 4px 4px 4px rgb(182, 220,  
181) }
```

Background

The CSS property to change the background color of an element to RYB 181, 220, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 220, 181) }
```

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

```
.background{ background-color: rgb(182,  
220, 181) }
```

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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