

Converting Colors

`RYB(179, 213, 216)`

Have a look what the booklet for
RYB(179, 213, 216) contains.

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Color

R_YB(179, 213, 216)

Conversions

Conversions Part 1

Format	Color
Hex	B3D8B6
RGB	179, 216, 182
RGB Percent	70%, 85%, 71%
CMY	0.2980, 0.1529, 0.2852
CMYK	0.17, 0.00, 0.16, 0.15
HSL	125°, 32%, 77%
HSV	125°, 17%, 85%
XYZ	51.6172, 62.0838, 53.6624
YIQ	201.0610, -11.1380, -18.4180

Conversions

Conversions Part 2

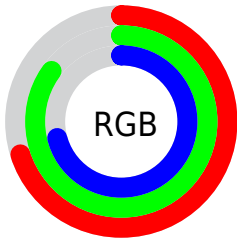
Format	Color
RYB	179, 213, 216
Decimal	11786422
CIELab	82.96, -18.61, 12.64
CIELCh	83, 22.496, 145.820
Yxy	62.0838, 0.3084, 0.3710
Android (android.graphics.Color)	4289976502 (0xFFB3D8B6)
YUV	201.0610, -9.3971, -19.3475
Hunter-Lab	78.7933, -20.9536, 14.7757

Details

The RYB color **179, 213, 216** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **216, 179, 213**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **235, 252, 255**, and **126, 158, 161** is the 20% darker color. If you saturate the color by 10%, you get **157, 211, 216**, and if you desaturate by 10%, it is **201, 215, 216**.

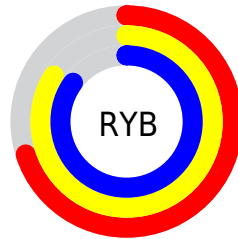
Distribution



Red (70%)

Green (85%)

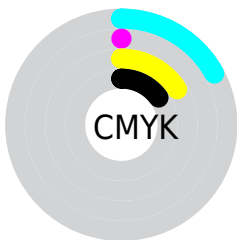
Blue (71%)



Red (70%)

Yellow (84%)

Blue (85%)

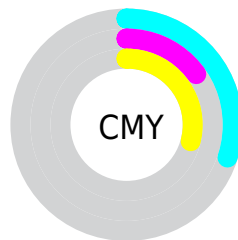


Cyan (17%)

Magenta (0%)

Yellow (16%)

Black (15%)



Cyan (30%)

Magenta (15%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the RYB color 179, 213, 216 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 179, 213, 216 by changing the saturation by 10% instead.


 179, 213, 216


255, 255, 255


 235, 252, 255

 179, 213, 216


 152, 185, 188

 126, 158, 161


 100, 131, 135

 76, 105, 109

 52, 81, 85

 30, 58, 62

 7, 33, 39


 0, 18, 18

 0, 0, 0

 179, 213, 216

 179, 213, 216

 157, 211, 216

 201, 215, 216

 136, 210, 216

 222, 216, 222

 114, 208, 216

 244, 216, 241

 93, 207, 216

 255, 216, 255

 71, 204, 216

 49, 202, 216

 28, 201, 216

 6, 199, 216

 0, 199, 216

Harmonies

Analogous

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



168, 211, 176



179, 213, 216



159, 194, 219

Triad

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



179, 213, 216



178, 199, 248



251, 193, 189

Complementary

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



179, 213, 216



216, 179, 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.



247, 192, 210



179, 213, 216



207, 202, 244

Square

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



179, 213, 216



156, 191, 241



231, 196, 231



243, 211, 172

Rectangle

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



179, 213, 216



150, 185, 219



231, 196, 231



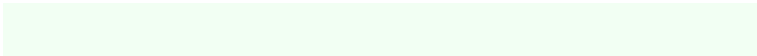
251, 192, 196

Sweetspot

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



179, 213, 216



242, 254, 255



179, 216, 182



120, 127, 128



0, 0, 0



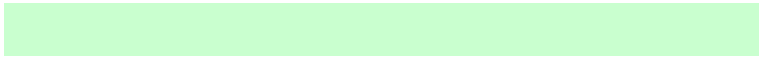
128, 128, 128

Same Dimension

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



179, 213, 216



201, 250, 255



179, 202, 216



96, 106, 107



0, 157, 171



0, 39, 43

Inverse Universe

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



216, 179, 213



255, 201, 250



216, 179, 194



107, 96, 106



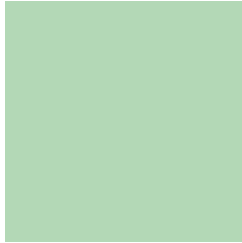
171, 0, 156



43, 0, 40

Previews

White Background



This preview shows how the RYB color 179, 213, 216 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 179, 213, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

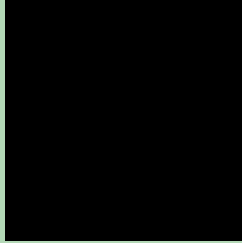
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

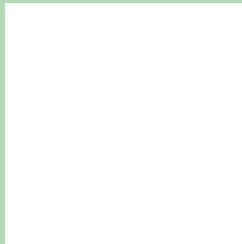
Any Text WCAG AAA ✓ Pass

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

RYB 179, 213, 216 Background



This preview shows how black text looks on a background with the RYB color 179, 213, 216.

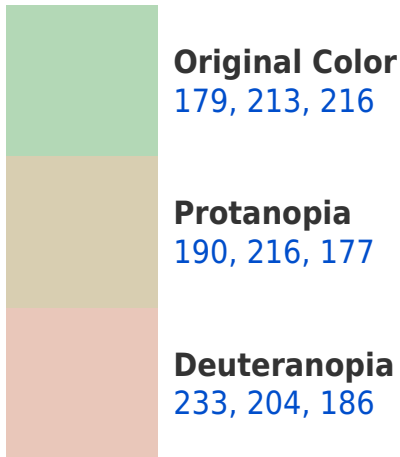


This preview shows how white text looks on a background with the RYB color 179, 213, 216.

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, 201, 226

Trichromacy



Original Color

179, 213, 216

Protanomaly

179, 210, 186

Deuteranomaly

196, 213, 185

Tritanomaly

184, 199, 212

Monochromacy



Original Color

179, 213, 216

Achromatopsia

201, 201, 201

Achromatomaly

193, 205, 206

CSS Examples

Text

The CSS property to change the color of the text to RGB 179, 216, 182 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(179, 216, 182) looks like.

```
.text, #text, p{  
    color:rgb(179, 216, 182)  
}
```

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(179, 216, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 216, 182) }
```

Border

The CSS property to change the border of an element to RYB 179, 213, 216 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(179, 216, 182) }
```

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

```
.border{ border-color:rgb(179, 216, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 216, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 216, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 216, 182);  
box-shadow:4px 4px 4px 4px rgb(179, 216,  
182) }
```

Background

The CSS property to change the background color of an element to RYB 179, 213, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 216, 182) }
```

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

```
.background{ background-color: rgb(179,  
216, 182) }
```

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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