

Converting Colors

`RYB(150, 179, 213)`

Have a look what the booklet for
RYB(150, 179, 213) contains.

RYB(150, 179, 213)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(150, 179, 213)

Conversions

Conversions Part 1

Format	Color
Hex	96CCD5
RGB	150, 204, 213
RGB Percent	59%, 80%, 84%
CMY	0.4118, 0.2010, 0.1647
CMYK	0.30, 0.04, 0.00, 0.16
HSL	189°, 43%, 71%
HSV	189°, 30%, 84%
XYZ	46.1179, 54.3481, 71.0104
YIQ	188.8800, -35.0730, -8.6490

Conversions

Conversions Part 2

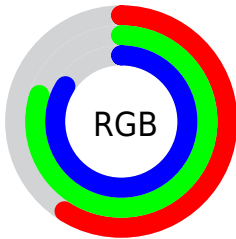
Format	Color
RYB	150, 179, 213
Decimal	9882837
CIELab	78.66, -15.14, -10.23
CIELCh	79, 18.268, 214.042
Yxy	54.3481, 0.2689, 0.3169
Android (android.graphics.Color)	4288072917 (0xFF96CCD5)
YUV	188.8800, 11.8912, -34.0978
Hunter-Lab	73.7212, -17.3474, -5.5050

Details

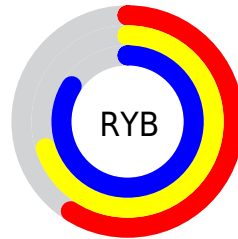
The RYB color **150, 179, 213** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **213, 161, 150**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **206, 231, 255**, and **97, 125, 158** is the 20% darker color. If you saturate the color by 10%, you get **129, 168, 213**, and if you desaturate by 10%, it is **171, 190, 213**.

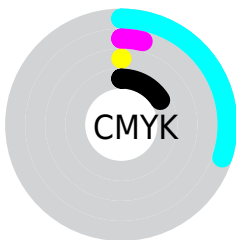
Distribution



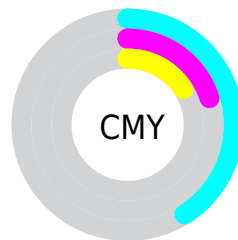
- Red (59%)
- Green (80%)
- Blue (84%)



- Red (59%)
- Yellow (70%)
- Blue (84%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (16%)




- Cyan (41%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RYB color 150, 179, 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 150, 179, 213 by changing the saturation by 10% instead.

 150, 179, 213


255, 255, 255


 206, 231, 255

 234, 245, 255

 150, 179, 213

 123, 152, 185


 97, 125, 158

 71, 99, 132

 45, 74, 107

 15, 47, 83

 0, 28, 60

 0, 17, 38

 0, 1, 18

 0, 0, 0

■ 150, 179, 213

■ 150, 179, 213

■ 129, 168, 213

■ 171, 190, 213

■ 107, 156, 213

■ 193, 202, 213

■ 86, 144, 213

■ 214, 213, 213

■ 65, 133, 213

■ 235, 216, 213

■ 44, 122, 213

■ 255, 220, 213

■ 22, 110, 213

■ 255, 226, 213

■ 1, 99, 213

■ 255, 232, 213

■ 0, 98, 213

■ 255, 239, 213

■ 255, 248, 213

Harmonies

Analogous

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



154, 182, 205



150, 179, 213



159, 184, 225

Triad

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



150, 179, 213



219, 185, 210



177, 206, 161

Complementary

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



150, 179, 213



213, 161, 150

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.



221, 207, 165



150, 179, 213



229, 183, 193

Square

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



150, 179, 213



201, 190, 223



230, 185, 176



166, 199, 178

Rectangle

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



150, 179, 213



172, 189, 228



230, 185, 176



194, 212, 161

Sweetspot

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



150, 179, 213



232, 243, 255



150, 206, 213



113, 120, 128



0, 0, 0



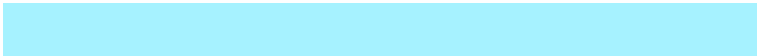
128, 128, 128

Same Dimension

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



150, 179, 213



166, 207, 255



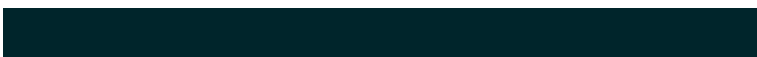
150, 167, 213



96, 101, 107



0, 79, 171



0, 20, 43

Inverse Universe

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



213, 150, 204



255, 166, 242



186, 213, 150



107, 96, 106



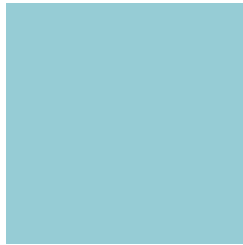
171, 0, 146



43, 0, 37

Previews

White Background



This preview shows how the RYB color 150, 179, 213 looks on a white background.

Color Contrast Check

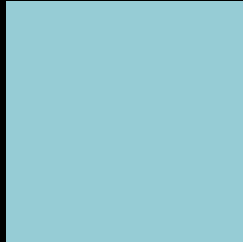
Large Text (above 18pt) WCAG AA × Fail

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 150, 179, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

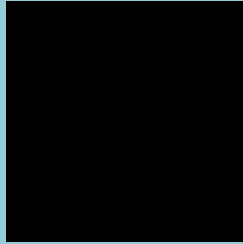
Any Text WCAG AA ✓ Pass

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 150, 179, 213 Background



This preview shows how black text looks on a background with the RYB color 150, 179, 213.

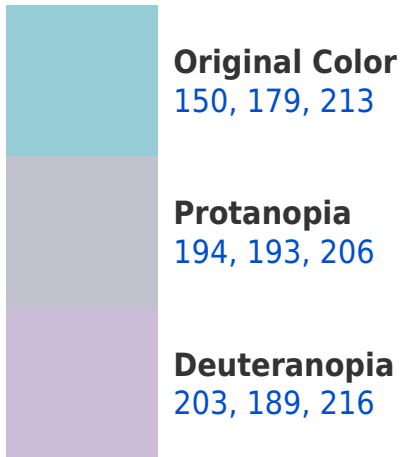


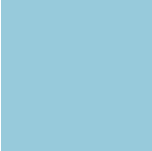
This preview shows how white text looks on a background with the RYB color 150, 179, 213.

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





Tritanopia
151, 180, 219

Trichromacy



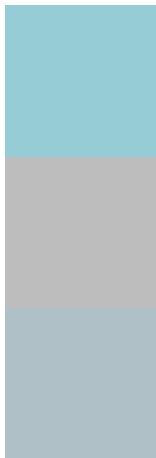
Original Color
150, 179, 213

Protanomaly
178, 190, 209

Deuteranomaly
184, 192, 215

Tritanomaly
151, 180, 217

Monochromacy



Original Color
150, 179, 213

Achromatopsia
189, 189, 189

Achromatomaly
175, 185, 198

CSS Examples

Text

The CSS property to change the color of the text to RYB 150, 179, 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(150, 204, 213)` looks like.

```
.text, #text, p{  
    color:rgb(150, 204, 213)  
}
```

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(150, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 204, 213) }
```

Border

The CSS property to change the border of an element to RYB 150, 179, 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(150, 204, 213) }
```

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

```
.border{ border-color:rgb(150, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(150, 204,  
213) }
```

Background

The CSS property to change the background color of an element to RYB 150, 179, 213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 204, 213) }
```

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

```
.background{ background-color: rgb(150,  
204, 213) }
```

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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