

Converting Colors

`RYB(110, 179, 213)`

Have a look what the booklet for
RYB(110, 179, 213) contains.

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Color

R_YB(110, 179, 213)

Conversions

Conversions Part 1

Format	Color
Hex	6ED5A1
RGB	110, 213, 161
RGB Percent	43%, 84%, 63%
CMY	0.5686, 0.1647, 0.3696
CMYK	0.48, 0.00, 0.25, 0.16
HSL	150°, 55%, 63%
HSV	150°, 48%, 84%
XYZ	36.6360, 53.4680, 41.9939
YIQ	176.2750, -44.6960, -38.0080

Conversions

Conversions Part 2

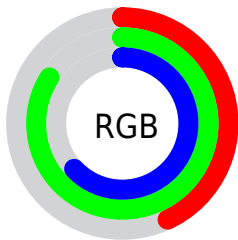
Format	Color
RYB	110, 179, 213
Decimal	7263649
CIELab	78.15, -41.94, 16.75
CIELCh	78, 45.160, 158.232
Yxy	53.4680, 0.2773, 0.4048
Android (android.graphics.Color)	4285453729 (0xFF6ED5A1)
YUV	176.2750, -7.5306, -58.1232
Hunter-Lab	73.1218, -38.5300, 17.1350

Details

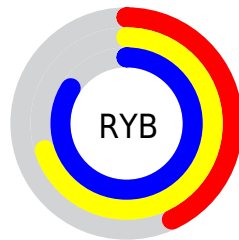
The RYB color **110, 179, 213** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **213, 110, 162**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **167, 224, 255**, and **51, 120, 158** is the 20% darker color. If you saturate the color by 10%, you get **89, 172, 213**, and if you desaturate by 10%, it is **131, 186, 213**.

Distribution



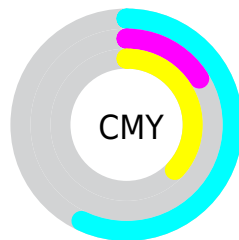
- Red (43%)
- Green (84%)
- Blue (63%)



- Red (43%)
- Yellow (70%)
- Blue (84%)



- Cyan (48%)
- Magenta (0%)
- Yellow (25%)
- Black (16%)




- Cyan (57%)
- Magenta (16%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 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 110, 179, 213 by changing the saturation by 10% instead.


 110, 179, 213


255, 255, 255


 167, 224, 255

 196, 229, 255

 225, 240, 255

 110, 179, 213

 81, 150, 185

 51, 120, 158

 6, 83, 131

 0, 66, 105


 0, 54, 80

 0, 42, 56

 0, 35, 35

 0, 0, 0

 110, 179, 213

 110, 179, 213

■ 89, 172, 213

■ 131, 186, 213

■ 67, 165, 213

■ 153, 193, 213

■ 46, 158, 213

■ 174, 200, 213

■ 25, 151, 213

■ 195, 207, 213

■ 4, 144, 213

■ 217, 213, 215

■ 0, 143, 213

■ 238, 213, 226

■ 255, 213, 236

■ 255, 213, 247

■ 255, 213, 255

Harmonies

Analogous

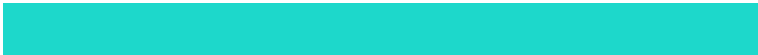
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



126, 206, 168



110, 179, 213



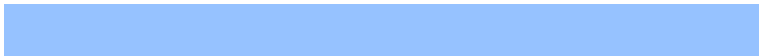
29, 126, 216

Triad

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



110, 179, 213



150, 181, 255



255, 172, 143

Complementary

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



110, 179, 213



213, 110, 162

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.



255, 160, 183



110, 179, 213



213, 178, 255

Square

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



110, 179, 213



64, 145, 255



255, 165, 225



246, 242, 116

Rectangle

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



110, 179, 213



0, 112, 232



255, 165, 225



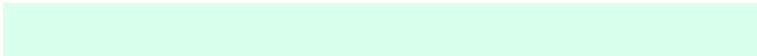
255, 164, 156

Sweetspot

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



110, 179, 213



217, 242, 255



110, 213, 160



105, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 179, 213



107, 206, 255



110, 162, 213



96, 103, 107



0, 115, 171



0, 29, 43

Inverse Universe

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



213, 110, 162



255, 107, 182



213, 110, 112



107, 96, 102



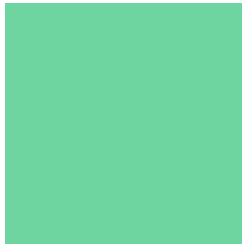
171, 0, 87



43, 0, 22

Previews

White Background



This preview shows how the RYB color 110, 179, 213 looks on a white background.

Color Contrast Check

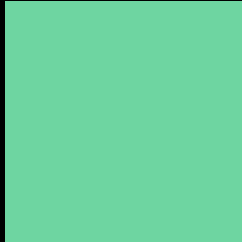
Large Text (above 18pt) WCAG AA × Fail

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 110, 179, 213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

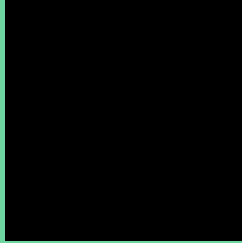
Any Text WCAG AA ✓ Pass

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 110, 179, 213 Background



This preview shows how black text looks on a background with the RYB color 110, 179, 213.

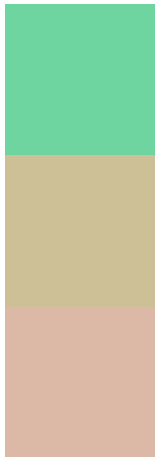


This preview shows how white text looks on a background with the RYB color 110, 179, 213.

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](#).

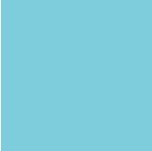
Dichromacy



Original Color
110, 179, 213

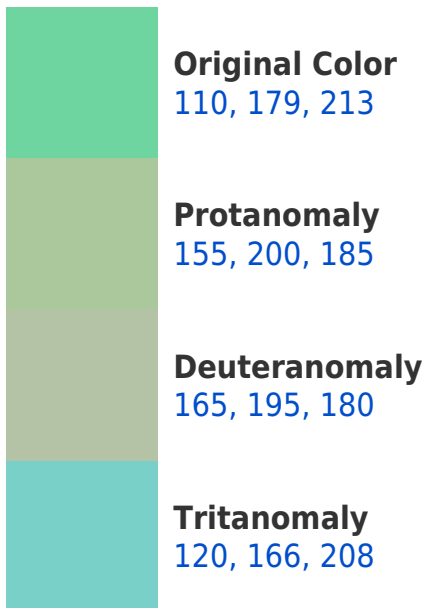
Protanopia
168, 205, 151

Deuteranopia
220, 194, 167

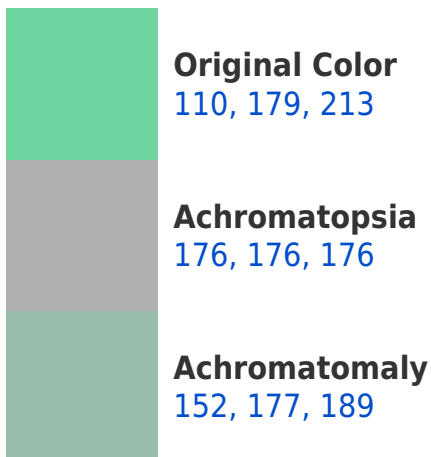


Tritanopia
126, 169, 221

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 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(110, 213, 161)` looks like.

```
.text, #text, p{  
    color:rgb(110, 213, 161)  
}
```

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(110, 213, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 213, 161) }
```

Border

The CSS property to change the border of an element to RYB 110, 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(110, 213, 161) }
```

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

```
.border{ border-color:rgb(110, 213, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 213, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 213, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 213, 161);  
box-shadow:4px 4px 4px 4px rgb(110, 213,  
161) }
```

Background

The CSS property to change the background color of an element to RYB 110, 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(110, 213, 161) }
```

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

```
.background{ background-color: rgb(110,  
213, 161) }
```

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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