

Converting Colors

`RYB(110, 171, 206)`

Have a look what the booklet for
RYB(110, 171, 206) contains.

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Color

R_YB(110, 171, 206)

Conversions

Conversions Part 1

Format	Color
Hex	6ECEA5
RGB	110, 206, 165
RGB Percent	43%, 81%, 65%
CMY	0.5686, 0.1922, 0.3526
CMYK	0.47, 0.00, 0.20, 0.19
HSL	154°, 49%, 62%
HSV	154°, 47%, 81%
XYZ	35.3007, 50.1772, 43.4611
YIQ	172.6220, -44.0550, -33.1030

Conversions

Conversions Part 2

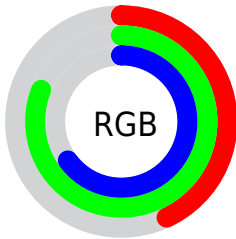
Format	Color
RYB	110, 171, 206
Decimal	7261861
CIELab	76.18, -37.91, 11.67
CIElCh	76, 39.668, 162.891
Yxy	50.1772, 0.2738, 0.3892
Android (android.graphics.Color)	4285451941 (0xFF6ECEA5)
YUV	172.6220, -3.7576, -54.9195
Hunter-Lab	70.8359, -35.0082, 13.2080

Details

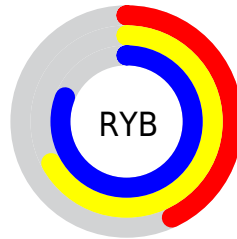
The RYB color **110, 171, 206** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **206, 110, 151**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **166, 221, 255**, and **52, 113, 151** is the 20% darker color. If you saturate the color by 10%, you get **89, 163, 206**, and if you desaturate by 10%, it is **131, 179, 206**.

Distribution



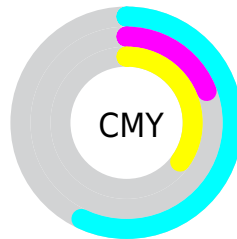
- Red (43%)
- Green (81%)
- Blue (65%)



- Red (43%)
- Yellow (67%)
- Blue (81%)



- Cyan (47%)
- Magenta (0%)
- Yellow (20%)
- Black (19%)




- Cyan (57%)
- Magenta (19%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 171, 206 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, 171, 206 by changing the saturation by 10% instead.

 110, 171, 206


255, 255, 255


 166, 221, 255


 195, 227, 255


 224, 240, 255

254, 255, 255

 110, 171, 206

 82, 142, 178

 52, 113, 151

 14, 80, 125

 0, 60, 99

 0, 48, 75

 0, 36, 51

 0, 30, 30

 0, 0, 0

 110, 171, 206

 110, 171, 206

■ 89, 163, 206

■ 131, 179, 206

■ 69, 156, 206

■ 151, 186, 206

■ 48, 148, 206

■ 172, 194, 206

■ 28, 141, 206

■ 192, 201, 206

■ 7, 134, 206

■ 213, 206, 209

■ 0, 131, 206

■ 234, 206, 218

■ 254, 206, 227

■ 255, 206, 235

■ 255, 206, 244

Harmonies

Analogous

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



133, 200, 177



110, 171, 206



60, 135, 208

Triad

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



110, 171, 206



161, 181, 255



253, 174, 140

Complementary

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



110, 171, 206



206, 110, 151

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, 173



110, 171, 206



212, 173, 242

Square

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



110, 171, 206



99, 160, 255



246, 162, 210



215, 230, 118

Rectangle

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



110, 171, 206



37, 126, 226



246, 162, 210



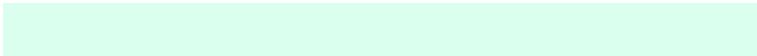
255, 165, 150

Sweetspot

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



110, 171, 206



219, 242, 255



110, 206, 164



106, 120, 128



0, 0, 0



128, 128, 128

Same Dimension

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



110, 171, 206



112, 203, 255



110, 156, 206



92, 98, 102



0, 106, 166



0, 24, 38

Inverse Universe

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



206, 110, 151



255, 112, 173



206, 116, 110



102, 92, 96



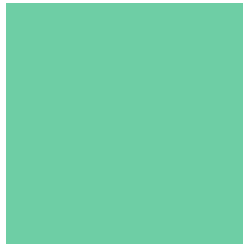
166, 0, 71



38, 0, 16

Previews

White Background



This preview shows how the RYB color 110, 171, 206 looks on a white background.

Color Contrast Check

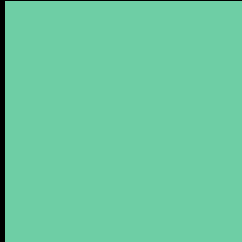
Large Text (above 18pt) WCAG AA × Fail

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, 171, 206 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, 171, 206 Background



This preview shows how black text looks on a background with the RYB color 110, 171, 206.

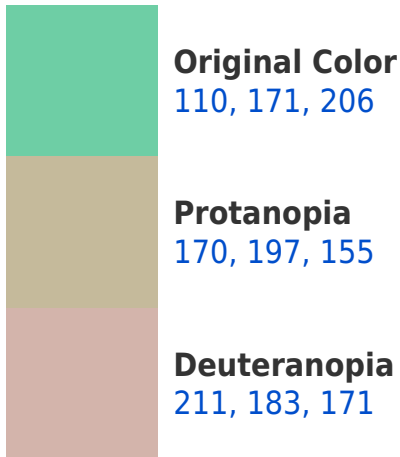


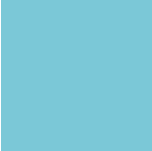
This preview shows how white text looks on a background with the RYB color 110, 171, 206.

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
123, 165, 215

Trichromacy



Original Color

110, 171, 206



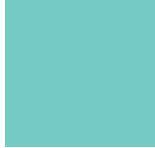
Protanomaly

159, 193, 187



Deuteranomaly

169, 189, 184



Tritanomaly

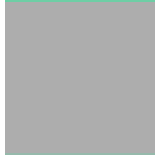
118, 161, 202

Monochromacy



Original Color

110, 171, 206



Achromatopsia

173, 173, 173



Achromatomaly

150, 172, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 110, 171, 206 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, 206, 165)` looks like.

```
.text, #text, p{  
    color:rgb(110, 206, 165)  
}
```

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, 206, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 206, 165) }
```

Border

The CSS property to change the border of an element to RYB 110, 171, 206 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, 206, 165) }
```

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

```
.border{ border-color:rgb(110, 206, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 206, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 206, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 206, 165); box-shadow:4px 4px 4px 4px rgb(110, 206, 165) }
```

Background

The CSS property to change the background color of an element to RYB 110, 171, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 206, 165) }
```

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

```
.background{ background-color: rgb(110,  
206, 165) }
```

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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