

Converting Colors

`RYB(110, 207, 104)`

Have a look what the booklet for
RYB(110, 207, 104) contains.

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Color

$\text{RYB}(110, 207, 104)$

Conversions

Conversions Part 1

Format	Color
Hex	CFC968
RGB	207, 201, 104
RGB Percent	81%, 79%, 41%
CMY	0.1882, 0.2105, 0.5922
CMYK	0.00, 0.03, 0.50, 0.19
HSL	57°, 52%, 61%
HSV	57°, 50%, 81%
XYZ	49.1945, 56.1923, 21.3501
YIQ	191.7360, 34.7130, -28.8950

Conversions

Conversions Part 2

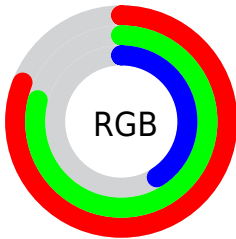
Format	Color
RYB	110, 207, 104
Decimal	13617512
CIELab	79.72, -11.15, 48.85
CIELCh	80, 50.105, 102.860
Yxy	56.1923, 0.3882, 0.4434
Android (android.graphics.Color)	4291807592 (0xFFCFC968)
YUV	191.7360, -43.2538, 13.3865
Hunter-Lab	74.9615, -14.0396, 35.5865

Details

The RYB color **110, 207, 104** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **104, 110, 207**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **157, 255, 157**, and **57, 151, 53** is the 20% darker color. If you saturate the color by 10%, you get **90, 207, 83**, and if you desaturate by 10%, it is **130, 207, 125**.

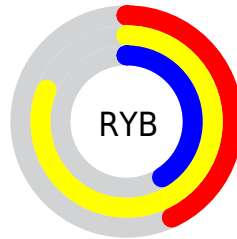
Distribution



Red (81%)

Green (79%)

Blue (41%)



Red (43%)

Yellow (81%)

Blue (41%)

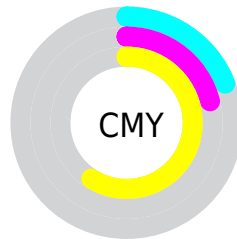


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (19%)



Cyan (19%)

Magenta (21%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the RYB color 110, 207, 104 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, 207, 104 by changing the saturation by 10% instead.

 110, 207, 104

255, 255, 255


 157, 255, 157

 185, 255, 185


 213, 255, 213

 242, 255, 242

 110, 207, 104

 82, 178, 78

 56, 151, 53

 26, 123, 25

 0, 97, 0

 0, 74, 3

 0, 51, 5

 0, 30, 9

 0, 0, 0

 110, 207, 104

 110, 207, 104

90, 207, 83

130, 207, 125

71, 207, 63

148, 207, 145

52, 207, 42

168, 207, 166

32, 207, 21

188, 207, 187

13, 207, 1

207, 207, 208

12, 207, 0

207, 208, 228

207, 209, 249

207, 210, 255

207, 212, 255

Harmonies

Analogous

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



222, 249, 108



110, 207, 104



127, 213, 185

Triad

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



110, 207, 104



0, 118, 255



255, 163, 226

Complementary

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



110, 207, 104



104, 110, 207

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.



228, 178, 255



110, 207, 104



51, 140, 255

Square

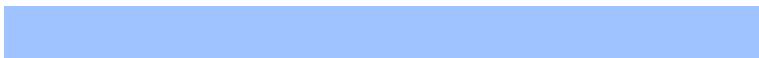
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



110, 207, 104



0, 112, 222



159, 185, 255



255, 160, 179

Rectangle

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



110, 207, 104



114, 190, 218



159, 185, 255



255, 167, 241

Sweetspot

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



110, 207, 104



219, 255, 217



207, 104, 111



107, 128, 105



0, 0, 0



128, 128, 128

Same Dimension

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



110, 207, 104



110, 255, 102



104, 207, 149



95, 105, 94



10, 168, 0



2, 41, 0

Inverse Universe

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



104, 110, 207



102, 110, 255



149, 104, 207



94, 95, 105



0, 9, 168



0, 2, 41

Previews

White Background



This preview shows how the RYB color 110, 207, 104 looks on a white background.

Color Contrast Check

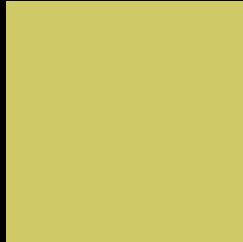
Large Text (above 18pt) WCAG AA × Fail

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, 207, 104 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, 207, 104 Background



This preview shows how black text looks on a background with the RYB color 110, 207, 104.



This preview shows how white text looks on a background with the RYB color 110, 207, 104.

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, 207, 104

Protanopia
127, 218, 103

Deuteranopia
197, 242, 107



Tritanopia
217, 190, 205

Trichromacy



Original Color

110, 207, 104

Protanomaly

120, 214, 103

Deuteranomaly

157, 229, 106

Tritanomaly

201, 213, 168

Monochromacy



Original Color

110, 207, 104

Achromatopsia

192, 192, 192

Achromatomaly

162, 197, 160

CSS Examples

Text

The CSS property to change the color of the text to RGB 110, 207, 104 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(207, 201, 104)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 104)  
}
```

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(207, 201, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 104) }
```

Border

The CSS property to change the border of an element to RYB 110, 207, 104 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(207, 201, 104) }
```

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

```
.border{ border-color:rgb(207, 201, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 104);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
104) }
```

Background

The CSS property to change the background color of an element to RYB 110, 207, 104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 104) }
```

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

```
.background{ background-color: rgb(207,  
201, 104) }
```

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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