

Converting Colors

`RYB(111, 203, 137)`

Have a look what the booklet for
RYB(111, 203, 137) contains.

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Color

R_YB(111, 203, 137)

Conversions

Conversions Part 1

Format	Color
Hex	B1CB6F
RGB	177, 203, 111
RGB Percent	69%, 80%, 44%
CMY	0.3059, 0.2039, 0.5647
CMYK	0.13, 0.00, 0.45, 0.20
HSL	77°, 47%, 62%
HSV	77°, 45%, 80%
XYZ	42.3566, 53.2067, 23.0764
YIQ	184.7380, 14.0360, -34.1240

Conversions

Conversions Part 2

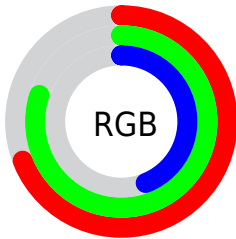
Format	Color
RYB	111, 203, 137
Decimal	11651951
CIELab	78.00, -23.25, 42.82
CIELCh	78, 48.724, 118.496
Yxy	53.2067, 0.3570, 0.4485
Android (android.graphics.Color)	4289842031 (0xFFB1CB6F)
YUV	184.7380, -36.3528, -6.7862
Hunter-Lab	72.9429, -23.9983, 32.3029

Details

The RYB color **111, 203, 137** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **137, 111, 203**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **164, 255, 185**, and **60, 149, 86** is the 20% darker color. If you saturate the color by 10%, you get **91, 203, 123**, and if you desaturate by 10%, it is **131, 203, 151**.

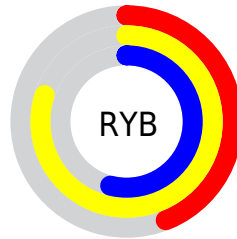
Distribution



Red (69%)

Green (80%)

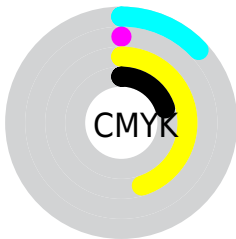
Blue (44%)



Red (44%)

Yellow (80%)

Blue (54%)

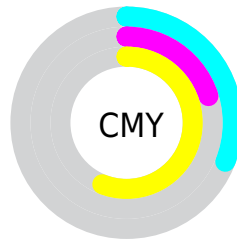


Cyan (13%)

Magenta (0%)

Yellow (45%)

Black (20%)



Cyan (31%)

Magenta (20%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 203, 137 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 111, 203, 137 by changing the saturation by 10% instead.

 111, 203, 137


255, 255, 255


 164, 255, 185


 192, 255, 192

 220, 255, 220

 249, 255, 249

 111, 203, 137

 85, 176, 112

 60, 149, 86

 35, 123, 62

 5, 98, 32

 0, 74, 28

 0, 51, 30

 0, 31, 31

 0, 0, 0

 111, 203, 137

 111, 203, 137

■ 91, 203, 123

■ 131, 203, 151

■ 70, 203, 107

■ 152, 203, 167

■ 50, 203, 93

■ 172, 203, 181

■ 30, 203, 79

■ 192, 203, 195

■ 10, 203, 65

■ 206, 203, 213

■ 0, 203, 57

■ 211, 203, 233

■ 217, 203, 253

■ 223, 203, 255

■ 229, 203, 255

Harmonies

Analogous

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



148, 223, 101



111, 203, 137



122, 194, 212

Triad

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



111, 203, 137



0, 115, 255



255, 156, 197

Complementary

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



111, 203, 137



137, 111, 203

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, 165, 241



111, 203, 137



115, 167, 255

Square

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



111, 203, 137



0, 113, 235



193, 182, 255



255, 161, 152

Rectangle

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



111, 203, 137



73, 156, 215



193, 182, 255



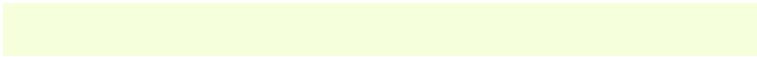
255, 158, 212

Sweetspot

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



111, 203, 137



219, 255, 229



203, 145, 111



106, 128, 113



0, 0, 0



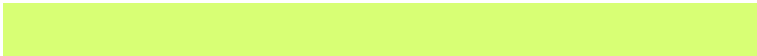
128, 128, 128

Same Dimension

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



111, 203, 137



117, 255, 156



111, 203, 182



92, 102, 95



0, 166, 47



0, 38, 11

Inverse Universe

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



137, 111, 203



156, 117, 255



182, 111, 203



95, 92, 102



47, 0, 166



11, 0, 38

Previews

White Background



This preview shows how the RYB color 111, 203, 137 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 111, 203, 137 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 111, 203, 137 Background



This preview shows how black text looks on a background with the RYB color 111, 203, 137.

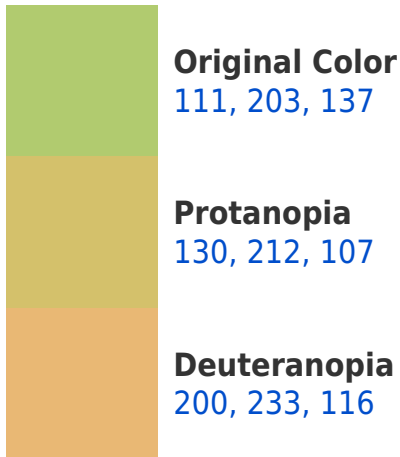


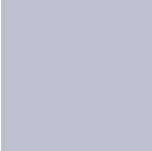
This preview shows how white text looks on a background with the RYB color 111, 203, 137.

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
189, 192, 207

Trichromacy



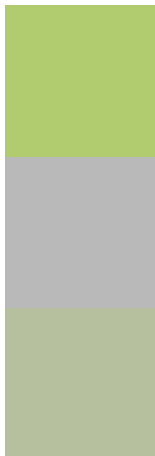
Original Color
111, 203, 137

Protanomaly
110, 199, 108

Deuteranomaly
142, 213, 114

Tritanomaly
172, 196, 183

Monochromacy



Original Color
111, 203, 137

Achromatopsia
185, 185, 185

Achromatomaly
158, 192, 168

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 203, 137 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(177, 203, 111)` looks like.

```
.text, #text, p{  
    color:rgb(177, 203, 111)  
}
```

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(177, 203, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 203, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 203, 137 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(177, 203, 111) }
```

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

```
.border{ border-color:rgb(177, 203, 111) }
```

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

Here you see how a box with a 4 pixel rgb(177, 203, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 203, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 203, 111);  
box-shadow:4px 4px 4px 4px rgb(177, 203,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 203, 137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 203, 111) }
```

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

```
.background{ background-color: rgb(177,  
203, 111) }
```

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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