

Converting Colors

`RYB(111, 234, 183)`

Have a look what the booklet for
RYB(111, 234, 183) contains.

RYB(111, 234, 183)	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(111, 234, 183)

Conversions

Conversions Part 1

Format	Color
Hex	A2EA6F
RGB	162, 234, 111
RGB Percent	64%, 92%, 44%
CMY	0.3647, 0.0824, 0.5647
CMYK	0.31, 0.00, 0.53, 0.08
HSL	95°, 75%, 68%
HSV	95°, 53%, 92%
XYZ	47.1924, 67.6747, 25.6142
YIQ	198.4500, -3.4290, -53.5170

Conversions

Conversions Part 2

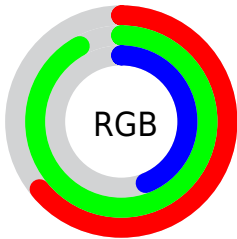
Format	Color
RYB	111, 234, 183
Decimal	10676847
CIELab	85.84, -43.05, 52.13
CIELCh	86, 67.610, 129.554
Yxy	67.6747, 0.3359, 0.4817
Android (android.graphics.Color)	4288866927 (0xFFA2EA6F)
YUV	198.4500, -43.1128, -31.9666
Hunter-Lab	82.2646, -41.5639, 39.1245

Details

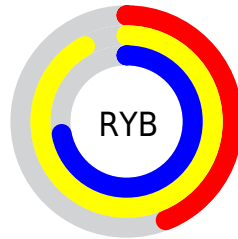
The RYB color **111, 234, 183** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **183, 111, 234**, and the grayscale version is **199, 199, 199**.

A 20% lighter version of the original color is **165, 255, 200**, and **58, 178, 130** is the 20% darker color. If you saturate the color by 10%, you get **88, 234, 174**, and if you desaturate by 10%, it is **134, 234, 192**.

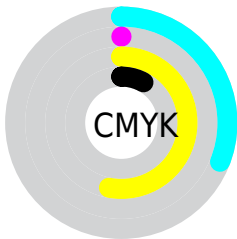
Distribution



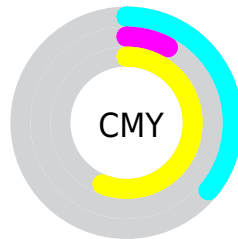
- Red (64%)
- Green (92%)
- Blue (44%)



- Red (44%)
- Yellow (92%)
- Blue (72%)



- Cyan (31%)
- Magenta (0%)
- Yellow (53%)
- Black (8%)




- Cyan (36%)
- Magenta (8%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 111, 234, 183 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, 234, 183 by changing the saturation by 10% instead.

 111, 234, 183

255, 255, 255

 165, 255, 200


 193, 255, 199


 222, 255, 222


 251, 255, 251

 111, 234, 183

 85, 206, 157

 58, 178, 130

 30, 151, 103

 0, 124, 75

 0, 99, 86

 0, 74, 74

 0, 51, 51

 0, 29, 29

 0, 0, 0

■ 111, 234, 183

■ 111, 234, 183

■ 88, 234, 174

■ 134, 234, 192

■ 64, 234, 163

■ 158, 234, 203

■ 41, 234, 154

■ 181, 234, 212

■ 17, 234, 144

■ 205, 234, 222

■ 0, 234, 137

■ 228, 234, 232

■ 244, 234, 251

■ 255, 234, 255

Harmonies

Analogous

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



94, 231, 80



111, 234, 183



46, 168, 243

Triad

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



111, 234, 183



0, 122, 255



255, 158, 197

Complementary

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



111, 234, 183



183, 111, 234

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, 166, 255



111, 234, 183



135, 183, 255

Square

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



111, 234, 183



0, 125, 255



246, 189, 255



255, 188, 136

Rectangle

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



111, 234, 183



0, 132, 246



246, 189, 255



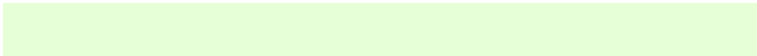
255, 158, 218

Sweetspot

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



111, 234, 183



214, 255, 238



198, 234, 111



103, 128, 118



0, 0, 0



128, 128, 128

Same Dimension

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



111, 234, 183



94, 255, 188



111, 225, 234



106, 117, 113



0, 181, 106



0, 54, 32

Inverse Universe

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



183, 111, 234



188, 94, 255



234, 111, 224



112, 106, 117



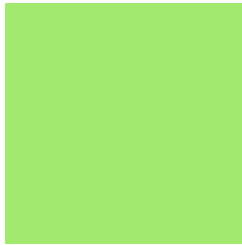
106, 0, 181



31, 0, 54

Previews

White Background



This preview shows how the RYB color 111, 234, 183 looks on a white background.

Color Contrast Check

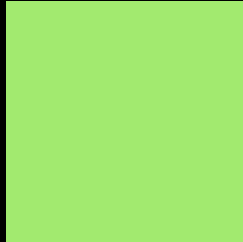
Large Text (above 18pt) WCAG AA × Fail

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, 234, 183 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, 234, 183 Background



This preview shows how black text looks on a background with the RYB color 111, 234, 183.

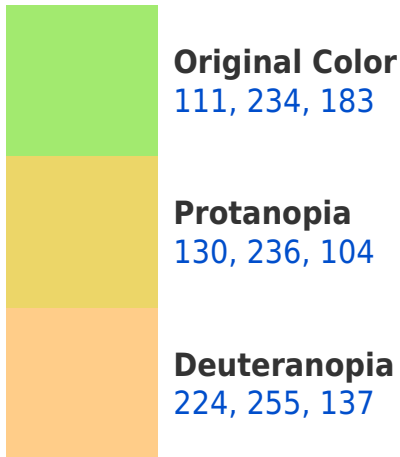


This preview shows how white text looks on a background with the RYB color 111, 234, 183.

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
181, 204, 238

Trichromacy



Original Color

111, 234, 183



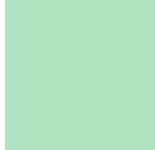
Protanomaly

107, 221, 119



Deuteranomaly

133, 221, 128



Tritanomaly

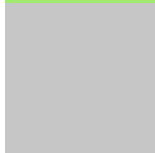
174, 212, 225

Monochromacy



Original Color

111, 234, 183



Achromatopsia

198, 198, 198



Achromatomaly

166, 211, 192

CSS Examples

Text

The CSS property to change the color of the text to RYB 111, 234, 183 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(162, 234, 111)` looks like.

```
.text, #text, p{  
    color:rgb(162, 234, 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(162, 234, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 234, 111) }
```

Border

The CSS property to change the border of an element to RYB 111, 234, 183 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(162, 234, 111) }
```

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

```
.border{ border-color:rgb(162, 234, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 234, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 234, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 234, 111);  
box-shadow:4px 4px 4px 4px rgb(162, 234,  
111) }
```

Background

The CSS property to change the background color of an element to RYB 111, 234, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 234, 111) }
```

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

```
.background{ background-color: rgb(162,  
234, 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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