

Converting Colors

`RYB(113, 249, 181)`

Have a look what the booklet for
RYB(113, 249, 181) contains.

RYB(113, 249, 181)	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(113, 249, 181)

Conversions

Conversions Part 1

Format	Color
Hex	B5F971
RGB	181, 249, 113
RGB Percent	71%, 98%, 44%
CMY	0.2902, 0.0235, 0.5569
CMYK	0.27, 0.00, 0.55, 0.02
HSL	90°, 92%, 71%
HSV	90°, 55%, 98%
XYZ	55.9124, 78.7674, 27.8795
YIQ	213.1640, 3.1280, -56.7120

Conversions

Conversions Part 2

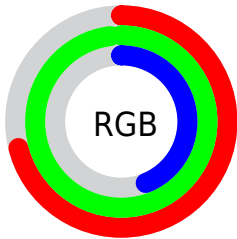
Format	Color
RYB	113, 249, 181
Decimal	11925873
CIELab	91.13, -42.81, 57.70
CIELCh	91, 71.854, 126.574
Yxy	78.7674, 0.3440, 0.4845
Android (android.graphics.Color)	4290115953 (0xFFB5F971)
YUV	213.1640, -49.3809, -28.2078
Hunter-Lab	88.7510, -42.8607, 43.5008

Details

The RYB color **113, 249, 181** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **181, 113, 249**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **168, 255, 184**, and **59, 192, 127** is the 20% darker color. If you saturate the color by 10%, you get **88, 249, 168**, and if you desaturate by 10%, it is **138, 249, 194**.

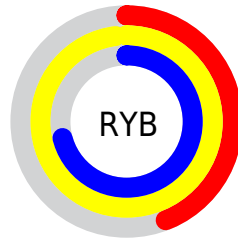
Distribution



Red (71%)

Green (98%)

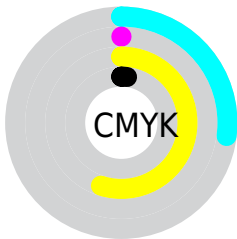
Blue (44%)



Red (44%)

Yellow (98%)

Blue (71%)

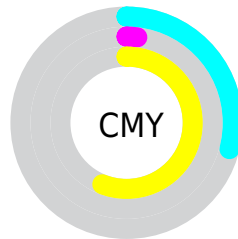


Cyan (27%)

Magenta (0%)

Yellow (55%)

Black (2%)



Cyan (29%)

Magenta (2%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RYB color 113, 249, 181 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 113, 249, 181 by changing the saturation by 10% instead.

 113, 249, 181

255, 255, 255

 168, 255, 184


 196, 255, 196


 225, 255, 225


254, 255, 254


 113, 249, 181


 86, 220, 154

 59, 192, 127

 28, 165, 97

 0, 138, 70

 0, 112, 74

 0, 87, 87

 0, 63, 63

 0, 42, 42

 0, 8, 8

■ 113, 249, 181

■ 113, 249, 181

■ 88, 249, 168

■ 138, 249, 194

■ 63, 249, 156

■ 163, 249, 206

■ 38, 249, 143

■ 188, 249, 219

■ 13, 249, 131

■ 213, 249, 231

■ 0, 249, 124

■ 237, 249, 243

■ 255, 249, 255

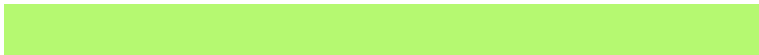
Harmonies

Analogous

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



111, 254, 84



113, 249, 181



69, 189, 255

Triad

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



113, 249, 181



0, 126, 255



255, 168, 217

Complementary

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



113, 249, 181



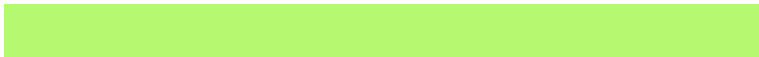
181, 113, 249

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, 179, 255



113, 249, 181



126, 184, 255

Square

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



113, 249, 181



0, 128, 255



254, 205, 255



255, 193, 151

Rectangle

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



113, 249, 181



0, 137, 255



254, 205, 255



255, 169, 240

Sweetspot

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



113, 249, 181



214, 255, 234



249, 249, 113



103, 128, 116



0, 0, 0



128, 128, 128

Same Dimension

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



113, 249, 181



87, 255, 171



113, 249, 249



112, 125, 118



0, 189, 95



0, 61, 30

Inverse Universe

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



181, 113, 249



171, 87, 255



249, 113, 249



119, 112, 125



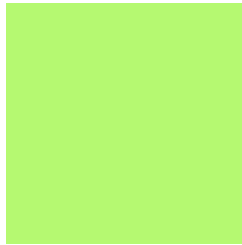
94, 0, 189



31, 0, 61

Previews

White Background



This preview shows how the RYB color 113, 249, 181 looks on a white background.

Color Contrast Check

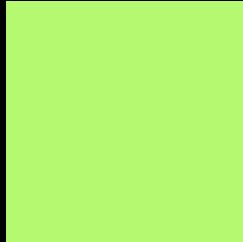
Large Text (above 18pt) WCAG AA × Fail

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 113, 249, 181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

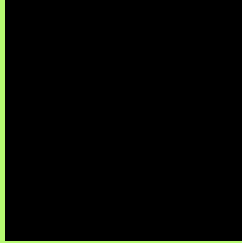
Any Text WCAG AA ✓ Pass

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 113, 249, 181 Background



This preview shows how black text looks on a background with the RYB color 113, 249, 181.

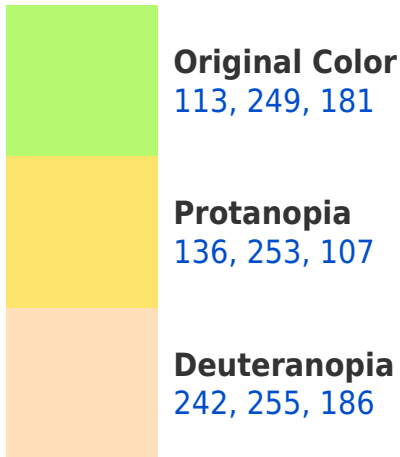


This preview shows how white text looks on a background with the RYB color 113, 249, 181.

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





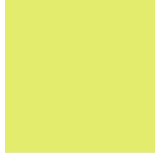
Tritanopia
201, 221, 253

Trichromacy



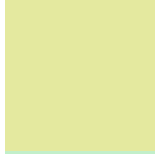
Original Color

113, 249, 181



Protanomaly

109, 236, 118



Deuteranomaly

159, 233, 164



Tritanomaly

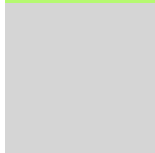
194, 232, 239

Monochromacy



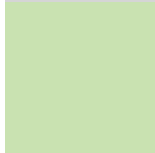
Original Color

113, 249, 181



Achromatopsia

213, 213, 213



Achromatomaly

177, 226, 202

CSS Examples

Text

The CSS property to change the color of the text to RYB 113, 249, 181 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(181, 249, 113)` looks like.

```
.text, #text, p{  
    color:rgb(181, 249, 113)  
}
```

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(181, 249, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 249, 113) }
```

Border

The CSS property to change the border of an element to RYB 113, 249, 181 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(181, 249, 113) }
```

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

```
.border{ border-color:rgb(181, 249, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 249, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 249, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 249, 113); box-shadow:4px 4px 4px 4px rgb(181, 249, 113) }
```

Background

The CSS property to change the background color of an element to RYB 113, 249, 181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 249, 113) }
```

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

```
.background{ background-color: rgb(181,  
249, 113) }
```

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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