

Converting Colors

`RYB(130, 250, 183)`

Have a look what the booklet for
RYB(130, 250, 183) contains.

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Color

R_YB(130, 250, 183)

Conversions

Conversions Part 1

Format	Color
Hex	C5FA82
RGB	197, 250, 130
RGB Percent	77%, 98%, 51%
CMY	0.2275, 0.0196, 0.4902
CMYK	0.21, 0.00, 0.48, 0.02
HSL	86°, 92%, 75%
HSV	86°, 48%, 98%
XYZ	61.2408, 81.8532, 33.6906
YIQ	220.4730, 6.9320, -48.5560

Conversions

Conversions Part 2

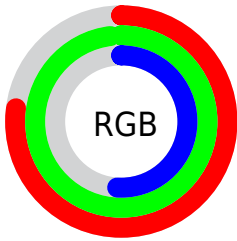
Format	Color
RYB	130, 250, 183
Decimal	12974722
CIELab	92.51, -35.86, 51.81
CIElCh	93, 63.013, 124.688
Yxy	81.8532, 0.3464, 0.4630
Android (android.graphics.Color)	4291164802 (0xFFC5FA82)
YUV	220.4730, -44.6032, -20.5858
Hunter-Lab	90.4728, -37.5011, 41.2523

Details

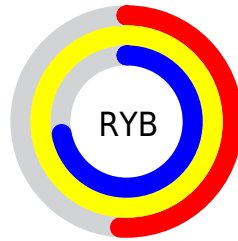
The RYB color **130, 250, 183** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **183, 130, 250**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **185, 255, 185**, and **77, 193, 129** is the 20% darker color. If you saturate the color by 10%, you get **105, 250, 169**, and if you desaturate by 10%, it is **155, 250, 197**.

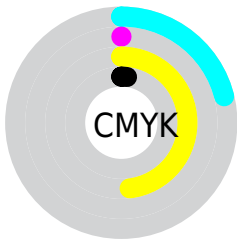
Distribution



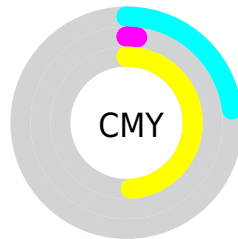
- Red (77%)
- Green (98%)
- Blue (51%)



- Red (51%)
- Yellow (98%)
- Blue (72%)



- Cyan (21%)
- Magenta (0%)
- Yellow (48%)
- Black (2%)



- Cyan (23%)
- Magenta (2%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 250, 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 130, 250, 183 by changing the saturation by 10% instead.

 130, 250, 183

255, 255, 255


 185, 255, 185


 213, 255, 213


 242, 255, 242


 130, 250, 183


 103, 221, 155

 77, 193, 129

 50, 166, 103


 21, 139, 74

 0, 114, 55

 0, 89, 57

 0, 65, 65

 0, 42, 42

 0, 16, 16

 130, 250, 183

 130, 250, 183

 105, 250, 169

 155, 250, 197

 80, 250, 155

 180, 250, 211

 55, 250, 141

 205, 250, 225

 30, 250, 127

 230, 250, 239

 5, 250, 113

 252, 250, 255

 0, 250, 110

 255, 250, 255

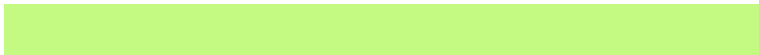
Harmonies

Analogous

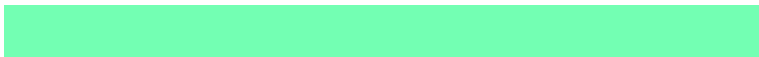
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



134, 255, 108



130, 250, 183



115, 211, 255

Triad

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



130, 250, 183



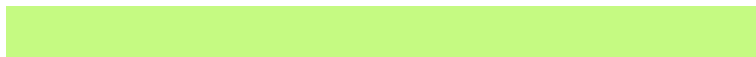
0, 127, 255



255, 182, 226

Complementary

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



130, 250, 183



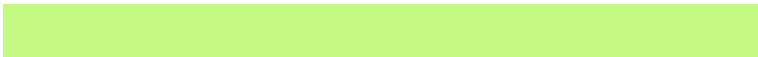
183, 130, 250

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, 192, 255



130, 250, 183



146, 196, 255

Square

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



130, 250, 183



0, 128, 255



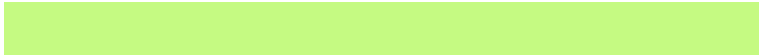
251, 214, 255



255, 199, 168

Rectangle

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



130, 250, 183



0, 137, 255



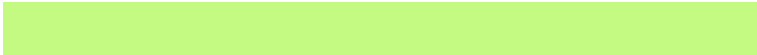
251, 214, 255



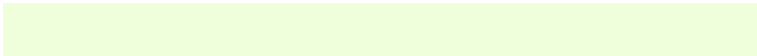
255, 183, 247

Sweetspot

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



130, 250, 183



219, 255, 235



250, 222, 130



106, 128, 116



0, 0, 0



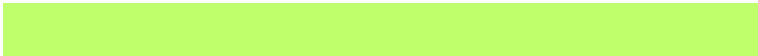
128, 128, 128

Same Dimension

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



130, 250, 183



107, 255, 172



130, 250, 242



112, 125, 118



0, 189, 84



0, 61, 27

Inverse Universe

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



183, 130, 250



172, 107, 255



242, 130, 250



118, 112, 125



83, 0, 189



27, 0, 61

Previews

White Background



This preview shows how the RYB color 130, 250, 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 130, 250, 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 130, 250, 183 Background



This preview shows how black text looks on a background with the RYB color 130, 250, 183.

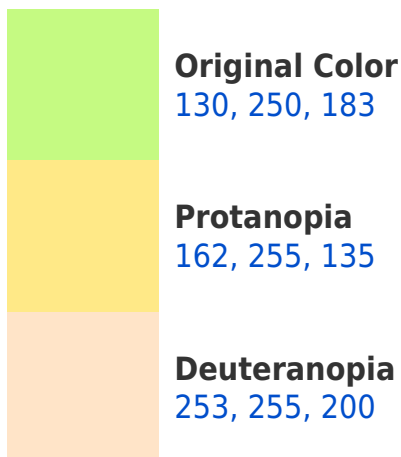


This preview shows how white text looks on a background with the RYB color 130, 250, 183.

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





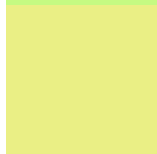
Tritanopia
214, 228, 255

Trichromacy



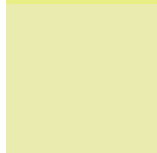
Original Color

130, 250, 183



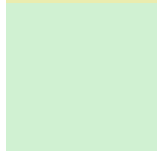
Protanomaly

133, 239, 138



Deuteranomaly

175, 236, 177



Tritanomaly

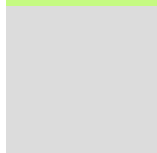
208, 239, 241

Monochromacy



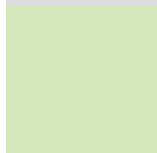
Original Color

130, 250, 183



Achromatopsia

220, 220, 220



Achromatomaly

187, 231, 206

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 250, 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(197, 250, 130)` looks like.

```
.text, #text, p{  
    color:rgb(197, 250, 130)  
}
```

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(197, 250, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 250, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 250, 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(197, 250, 130) }
```

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

```
.border{ border-color:rgb(197, 250, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 250, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 250, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 250, 130);  
box-shadow:4px 4px 4px 4px rgb(197, 250,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 250, 183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 250, 130) }
```

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

```
.background{ background-color: rgb(197,  
250, 130) }
```

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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