

Converting Colors

`RYB(130, 227, 151)`

Have a look what the booklet for
RYB(130, 227, 151) contains.

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Color

R_YB(130, 227, 151)

Conversions

Conversions Part 1

Format	Color
Hex	CEE382
RGB	206, 227, 130
RGB Percent	81%, 89%, 51%
CMY	0.1922, 0.1098, 0.4902
CMYK	0.09, 0.00, 0.43, 0.11
HSL	73°, 63%, 70%
HSV	73°, 43%, 89%
XYZ	56.9519, 69.6717, 31.5654
YIQ	209.6630, 18.6210, -34.6190

Conversions

Conversions Part 2

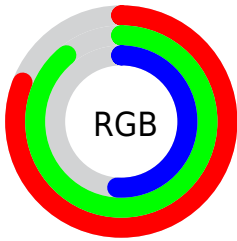
Format	Color
RYB	130, 227, 151
Decimal	13558658
CIELab	86.84, -21.73, 44.94
CIELCh	87, 49.913, 115.806
Yxy	69.6717, 0.3600, 0.4404
Android (android.graphics.Color)	4291748738 (0xFFCEE382)
YUV	209.6630, -39.2739, -3.2125
Hunter-Lab	83.4696, -24.2798, 36.0072

Details

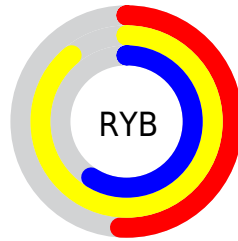
The RYB color **130, 227, 151** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **151, 130, 227**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **184, 255, 184**, and **78, 172, 100** is the 20% darker color. If you saturate the color by 10%, you get **107, 227, 133**, and if you desaturate by 10%, it is **153, 227, 169**.

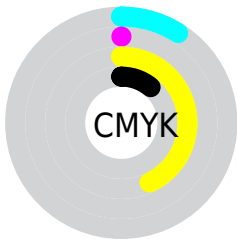
Distribution



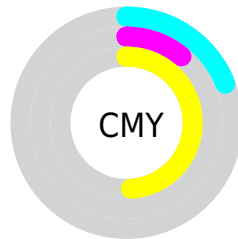
- Red (81%)
- Green (89%)
- Blue (51%)



- Red (51%)
- Yellow (89%)
- Blue (59%)



- Cyan (9%)
- Magenta (0%)
- Yellow (43%)
- Black (11%)



- Cyan (19%)
- Magenta (11%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 227, 151 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, 227, 151 by changing the saturation by 10% instead.

 130, 227, 151


255, 255, 255


 184, 255, 184


 213, 255, 213

 241, 255, 241

 130, 227, 151

 104, 199, 125

 78, 172, 100

 53, 145, 75

 27, 119, 49

 0, 95, 24

 0, 71, 24

 0, 48, 27

 0, 29, 29

 0, 0, 0

■ 130, 227, 151

■ 130, 227, 151

■ 107, 227, 133

■ 153, 227, 169

■ 85, 227, 116

■ 175, 227, 186

■ 62, 227, 98

■ 198, 227, 204

■ 39, 227, 80

■ 221, 227, 222

■ 17, 227, 63

■ 231, 227, 243

■ 0, 227, 49

■ 235, 227, 255

■ 240, 227, 255

■ 245, 227, 255

■ 250, 227, 255

Harmonies

Analogous

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



184, 254, 122



130, 227, 151



150, 226, 237

Triad

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



130, 227, 151



0, 123, 255



255, 180, 226

Complementary

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



130, 227, 151



151, 130, 227

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, 190, 255



130, 227, 151



131, 184, 255

Square

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



130, 227, 151



0, 124, 255



212, 208, 255



255, 183, 179

Rectangle

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



130, 227, 151



105, 188, 241



212, 208, 255



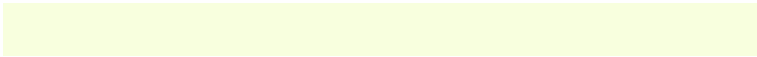
255, 182, 242

Sweetspot

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



130, 227, 151



222, 255, 229



227, 154, 130



107, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



130, 227, 151



125, 255, 153



130, 227, 198



103, 115, 106



0, 179, 39



0, 51, 11

Inverse Universe

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



151, 130, 227



153, 125, 255



198, 130, 227



106, 103, 115



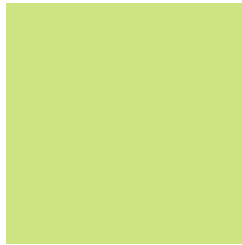
39, 0, 179



11, 0, 51

Previews

White Background



This preview shows how the RYB color 130, 227, 151 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, 227, 151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

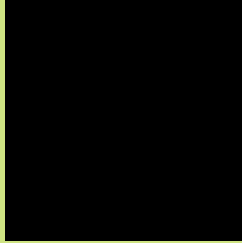
Any Text WCAG AA ✓ Pass

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, 227, 151 Background



This preview shows how black text looks on a background with the RYB color 130, 227, 151.

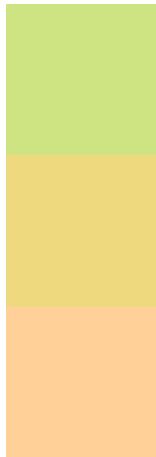


This preview shows how white text looks on a background with the RYB color 130, 227, 151.

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
130, 227, 151

Protanopia
152, 238, 126

Deuteranopia
237, 255, 153



Tritanopia
219, 215, 232

Trichromacy



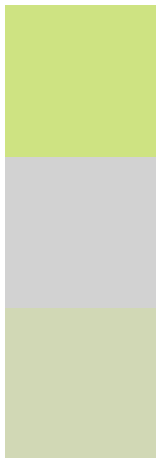
Original Color
130, 227, 151

Protanomaly
132, 226, 127

Deuteranomaly
172, 237, 145

Tritanomaly
195, 219, 200

Monochromacy



Original Color
130, 227, 151

Achromatopsia
210, 210, 210

Achromatomaly
181, 216, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 130, 227, 151 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(206, 227, 130)` looks like.

```
.text, #text, p{  
    color:rgb(206, 227, 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(206, 227, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 227, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 227, 151 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(206, 227, 130) }
```

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

```
.border{ border-color:rgb(206, 227, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 227, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 227, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 227, 130);  
box-shadow:4px 4px 4px 4px rgb(206, 227,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 227, 151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 227, 130) }
```

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

```
.background{ background-color: rgb(206,  
227, 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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