

Converting Colors

`RYB(130, 207, 202)`

Have a look what the booklet for
RYB(130, 207, 202) contains.

RYB(130, 207, 202)	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(130, 207, 202)

Conversions

Conversions Part 1

Format	Color
Hex	87CF82
RGB	135, 207, 130
RGB Percent	53%, 81%, 51%
CMY	0.4706, 0.1882, 0.4902
CMYK	0.35, 0.00, 0.37, 0.19
HSL	116°, 45%, 66%
HSV	116°, 37%, 81%
XYZ	36.3338, 51.3882, 29.1230
YIQ	176.6940, -18.1950, -39.2110

Conversions

Conversions Part 2

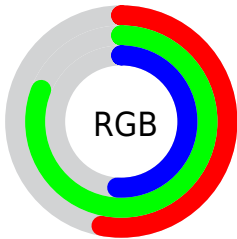
Format	Color
RYB	130, 207, 202
Decimal	8900482
CIELab	76.91, -37.61, 31.33
CIElCh	77, 48.954, 140.202
Yxy	51.3882, 0.3110, 0.4398
Android (android.graphics.Color)	4287090562 (0xFF87CF82)
YUV	176.6940, -23.0201, -36.5656
Hunter-Lab	71.6856, -34.9773, 26.0927

Details

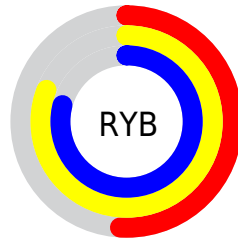
The RYB color **130, 207, 202** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **202, 130, 207**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **184, 255, 248**, and **80, 152, 151** is the 20% darker color. If you saturate the color by 10%, you get **109, 207, 200**, and if you desaturate by 10%, it is **151, 207, 204**.

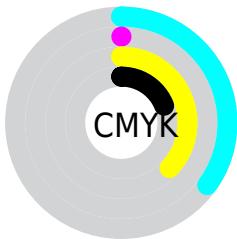
Distribution



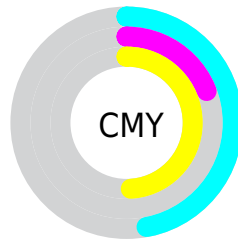
- Red (53%)
- Green (81%)
- Blue (51%)



- Red (51%)
- Yellow (81%)
- Blue (79%)



- Cyan (35%)
- Magenta (0%)
- Yellow (37%)
- Black (19%)



- Cyan (47%)
- Magenta (19%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the RYB color 130, 207, 202 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, 207, 202 by changing the saturation by 10% instead.


 130, 207, 202

 130, 207, 202


255, 255, 255

 104, 179, 175

 184, 255, 248

 80, 152, 151

 212, 255, 248

 55, 125, 126

 240, 255, 247

 25, 94, 100

 0, 70, 76

 0, 52, 52

 0, 32, 32

 0, 0, 0


 130, 207, 202

 130, 207, 202

 109, 207, 200

 151, 207, 204

 89, 207, 200

 171, 207, 204

 68, 207, 198

 192, 207, 206

 47, 207, 196

 212, 207, 213

 27, 207, 196

 232, 207, 234

 6, 207, 194

 251, 207, 254

 0, 207, 194

 255, 207, 255

Harmonies

Analogous

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



102, 197, 112



130, 207, 202



63, 149, 212

Triad

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



130, 207, 202



81, 151, 255



255, 154, 161

Complementary

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



130, 207, 202



202, 130, 207

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, 154, 207



130, 207, 202



171, 182, 255

Square

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



130, 207, 202



0, 115, 255



232, 167, 248



255, 188, 122

Rectangle

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



130, 207, 202



0, 110, 214



232, 167, 248



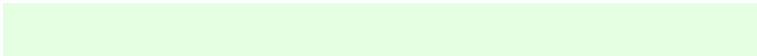
255, 153, 176

Sweetspot

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



130, 207, 202



227, 255, 253



135, 207, 130



111, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



130, 207, 202



140, 255, 247



130, 184, 207



94, 105, 104



0, 168, 157



0, 41, 38

Inverse Universe

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



202, 130, 207



248, 140, 255



207, 130, 174



104, 94, 105



157, 0, 168



38, 0, 41

Previews

White Background



This preview shows how the RYB color 130, 207, 202 looks on a white background.

Color Contrast Check

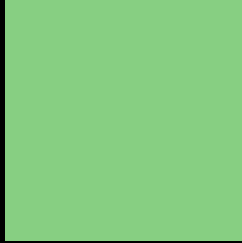
Large Text (above 18pt) WCAG AA × Fail

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, 207, 202 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, 207, 202 Background



This preview shows how black text looks on a background with the RYB color 130, 207, 202.

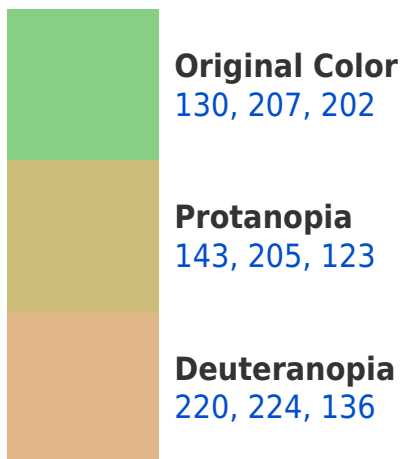


This preview shows how white text looks on a background with the RYB color 130, 207, 202.

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](#).

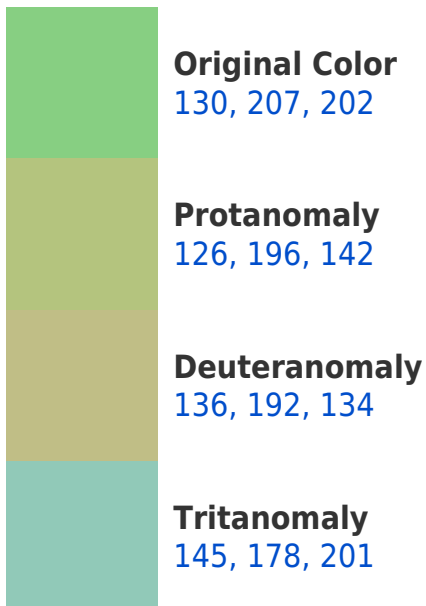
Dichromacy



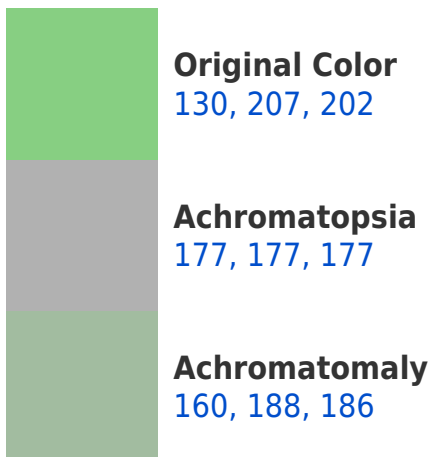


Tritanopia
150, 177, 213

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 207, 202 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(135, 207, 130)` looks like.

```
.text, #text, p{  
    color:rgb(135, 207, 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(135, 207, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 207, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 207, 202 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(135, 207, 130) }
```

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

```
.border{ border-color:rgb(135, 207, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 207, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 207, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 207, 130);  
box-shadow:4px 4px 4px 4px rgb(135, 207,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 207, 202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 207, 130) }
```

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

```
.background{ background-color: rgb(135,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor