

Converting Colors

`RYB(130, 211, 187)`

Have a look what the booklet for
RYB(130, 211, 187) contains.

RYB(130, 211, 187)	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, 211, 187)

Conversions

Conversions Part 1

Format	Color
Hex	9AD382
RGB	154, 211, 130
RGB Percent	60%, 83%, 51%
CMY	0.3961, 0.1725, 0.4902
CMYK	0.27, 0.00, 0.38, 0.17
HSL	102°, 48%, 67%
HSV	102°, 38%, 83%
XYZ	40.6500, 55.0703, 29.6062
YIQ	184.7230, -7.9710, -37.2750

Conversions

Conversions Part 2

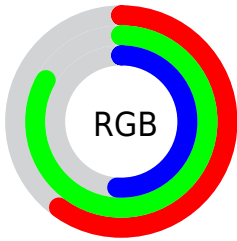
Format	Color
RYB	130, 211, 187
Decimal	10146690
CIELab	79.08, -33.12, 34.36
CIELCh	79, 47.728, 133.946
Yxy	55.0703, 0.3244, 0.4394
Android (android.graphics.Color)	4288336770 (0xFF9AD382)
YUV	184.7230, -26.9784, -26.9441
Hunter-Lab	74.2093, -32.0887, 28.2925

Details

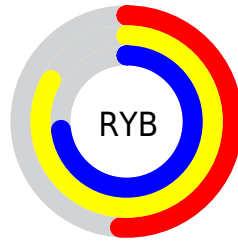
The RYB color **130, 211, 187** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **187, 130, 211**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **184, 255, 229**, and **79, 156, 134** is the 20% darker color. If you saturate the color by 10%, you get **109, 211, 181**, and if you desaturate by 10%, it is **151, 211, 193**.

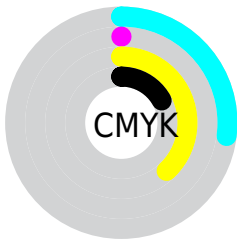
Distribution



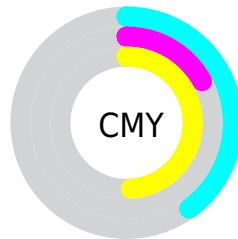
- Red (60%)
- Green (83%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (73%)



- Cyan (27%)
- Magenta (0%)
- Yellow (38%)
- Black (17%)



- Cyan (40%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 211, 187 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, 211, 187 by changing the saturation by 10% instead.

 130, 211, 187


255, 255, 255


 184, 255, 229


 212, 255, 228

 240, 255, 240

 130, 211, 187

 104, 183, 160

 79, 156, 134

 55, 130, 110

 31, 104, 86

 5, 80, 64

 0, 56, 56

 0, 36, 36

 0, 0, 0

 130, 211, 187

 130, 211, 187

 109, 211, 181

 151, 211, 193

 88, 211, 175

 172, 211, 199

 67, 211, 169

 193, 211, 205

 46, 211, 162

 213, 211, 214

 24, 211, 155

 228, 211, 235

 3, 211, 149

 243, 211, 255

 0, 211, 148

 255, 211, 255

Harmonies

Analogous

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



110, 203, 107



130, 211, 187



93, 169, 217

Triad

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



130, 211, 187



72, 150, 255



255, 160, 177

Complementary

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



130, 211, 187



187, 130, 211

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, 163, 222



130, 211, 187



163, 186, 255

Square

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



130, 211, 187



0, 117, 255



227, 176, 255



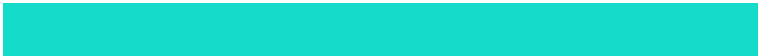
255, 184, 136

Rectangle

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



130, 211, 187



20, 124, 219



227, 176, 255



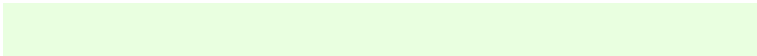
255, 160, 192

Sweetspot

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



130, 211, 187



224, 255, 246



164, 211, 130



110, 128, 123



0, 0, 0



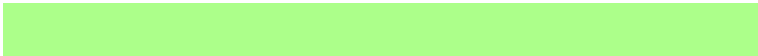
128, 128, 128

Same Dimension

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



130, 211, 187



138, 255, 221



130, 198, 211



94, 105, 102



0, 168, 118



0, 41, 29

Inverse Universe

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



187, 130, 211



220, 138, 255



211, 130, 195



101, 94, 105



118, 0, 168



29, 0, 41

Previews

White Background



This preview shows how the RYB color 130, 211, 187 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, 211, 187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

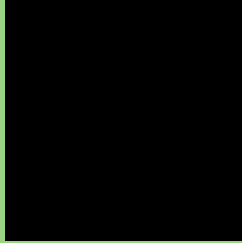
Any Text WCAG AA ✓ Pass

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, 211, 187 Background



This preview shows how black text looks on a background with the RYB color 130, 211, 187.

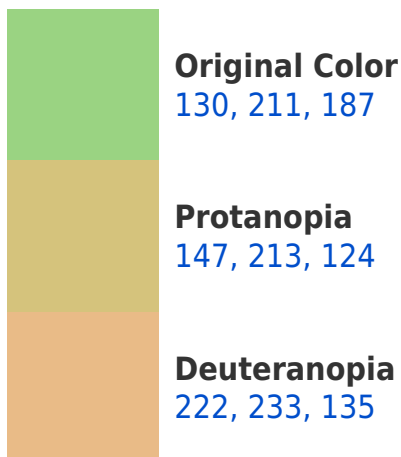


This preview shows how white text looks on a background with the RYB color 130, 211, 187.

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
168, 188, 217

Trichromacy



Original Color

130, 211, 187



Protanomaly

126, 201, 135



Deuteranomaly

142, 204, 133



Tritanomaly

163, 191, 205

Monochromacy



Original Color

130, 211, 187



Achromatopsia

185, 185, 185



Achromatomaly

165, 194, 185

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 211, 187 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(154, 211, 130)` looks like.

```
.text, #text, p{  
    color:rgb(154, 211, 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(154, 211, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 211, 130) }
```

Border

The CSS property to change the border of an element to RYB 130, 211, 187 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(154, 211, 130) }
```

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

```
.border{ border-color:rgb(154, 211, 130) }
```

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

Here you see how a box with a 4 pixel rgb(154, 211, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 211, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 211, 130);  
box-shadow:4px 4px 4px 4px rgb(154, 211,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 130, 211, 187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 211, 130) }
```

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

```
.background{ background-color: rgb(154,  
211, 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