

Converting Colors

`RYB(130, 184, 203)`

Have a look what the booklet for
RYB(130, 184, 203) contains.

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Color

R_YB(130, 184, 203)

Conversions

Conversions Part 1

Format	Color
Hex	82CB9C
RGB	130, 203, 156
RGB Percent	51%, 80%, 61%
CMY	0.4902, 0.2039, 0.3895
CMYK	0.36, 0.00, 0.23, 0.20
HSL	141°, 41%, 65%
HSV	141°, 36%, 80%
XYZ	36.5360, 49.8473, 39.0088
YIQ	175.8150, -28.4210, -30.0930

Conversions

Conversions Part 2

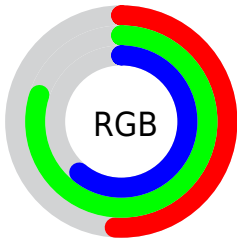
Format	Color
RYB	130, 184, 203
Decimal	8571804
CIELab	75.98, -32.90, 16.53
CIElCh	76, 36.816, 153.318
Yxy	49.8473, 0.2914, 0.3975
Android (android.graphics.Color)	4286761884 (0xFF82CB9C)
YUV	175.8150, -9.7688, -40.1798
Hunter-Lab	70.6027, -31.1832, 16.6635

Details

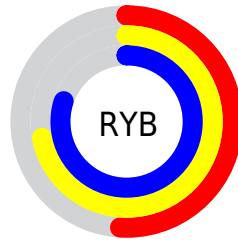
The RYB color **130, 184, 203** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **203, 130, 177**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **185, 236, 255**, and **77, 128, 148** is the 20% darker color. If you saturate the color by 10%, you get **110, 179, 203**, and if you desaturate by 10%, it is **150, 189, 203**.

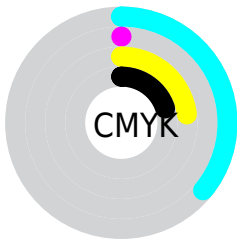
Distribution



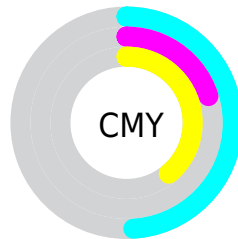
- Red (51%)
- Green (80%)
- Blue (61%)



- Red (51%)
- Yellow (72%)
- Blue (80%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)




- Cyan (49%)
- Magenta (20%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 184, 203 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, 184, 203 by changing the saturation by 10% instead.


 130, 184, 203

255, 255, 255


 185, 237, 255


 214, 239, 255


 243, 249, 255

 130, 184, 203

 103, 155, 175

 77, 128, 148

 50, 101, 122

 21, 73, 97

 0, 49, 73


 0, 38, 49


 0, 29, 29


 0, 0, 0


 130, 184, 203


 130, 184, 203

 110, 179, 203


 150, 189, 203

 89, 173, 203


 171, 195, 203

 69, 168, 203

 191, 200, 203

 49, 163, 203

 211, 203, 208

 29, 158, 203

 232, 203, 221

 8, 152, 203

 252, 203, 235

 0, 150, 203

 255, 203, 248

 255, 203, 255

Harmonies

Analogous

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



129, 196, 155



130, 184, 203



89, 152, 206

Triad

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



130, 184, 203



146, 177, 255



252, 167, 152

Complementary

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



130, 184, 203



203, 130, 177

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.



252, 161, 185



130, 184, 203



197, 177, 244

Square

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



130, 184, 203



93, 156, 247



234, 166, 218



235, 213, 127

Rectangle

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



130, 184, 203



67, 138, 213



234, 166, 218



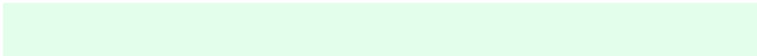
254, 163, 162

Sweetspot

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



130, 184, 203



227, 248, 255



130, 203, 156



111, 124, 128



0, 0, 0



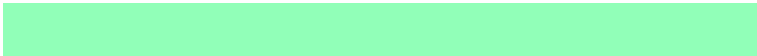
128, 128, 128

Same Dimension

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



130, 184, 203



145, 226, 255



130, 169, 203



92, 100, 102



0, 123, 166



0, 28, 38

Inverse Universe

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



203, 130, 177



255, 145, 216



203, 130, 141



102, 92, 98



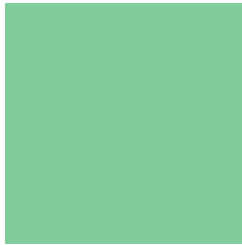
166, 0, 107



38, 0, 25

Previews

White Background



This preview shows how the RYB color 130, 184, 203 looks on a white background.

Color Contrast Check

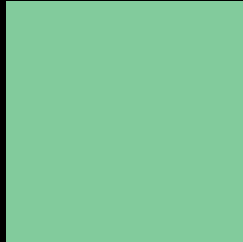
Large Text (above 18pt) WCAG AA × Fail

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, 184, 203 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, 184, 203 Background



This preview shows how black text looks on a background with the RYB color 130, 184, 203.

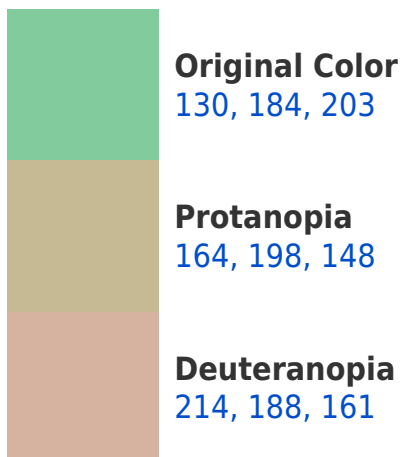


This preview shows how white text looks on a background with the RYB color 130, 184, 203.

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
142, 172, 211

Trichromacy



Original Color

130, 184, 203



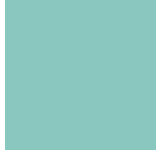
Protanomaly

151, 192, 170



Deuteranomaly

159, 188, 164



Tritanomaly

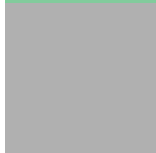
138, 171, 199

Monochromacy



Original Color

130, 184, 203



Achromatopsia

176, 176, 176



Achromatomaly

159, 179, 186

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 184, 203 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(130, 203, 156)` looks like.

```
.text, #text, p{  
    color:rgb(130, 203, 156)  
}
```

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(130, 203, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 203, 156) }
```

Border

The CSS property to change the border of an element to RYB 130, 184, 203 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(130, 203, 156) }
```

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

```
.border{ border-color:rgb(130, 203, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 203, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 203, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 203, 156);  
box-shadow:4px 4px 4px 4px rgb(130, 203,  
156) }
```

Background

The CSS property to change the background color of an element to RYB 130, 184, 203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 203, 156) }
```

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

```
.background{ background-color: rgb(130,  
203, 156) }
```

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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