

Converting Colors

`RYB(130, 185, 196)`

Have a look what the booklet for
RYB(130, 185, 196) contains.

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Color

R_YB(130, 185, 196)

Conversions

Conversions Part 1

Format	Color
Hex	82C48F
RGB	130, 196, 143
RGB Percent	51%, 77%, 56%
CMY	0.4902, 0.2314, 0.4384
CMYK	0.34, 0.00, 0.27, 0.23
HSL	132°, 36%, 64%
HSV	132°, 34%, 77%
XYZ	33.9189, 46.2149, 33.1988
YIQ	170.2240, -22.3230, -30.4750

Conversions

Conversions Part 2

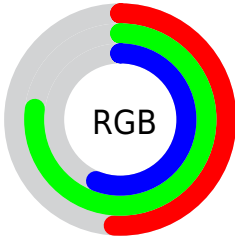
Format	Color
RYB	130, 185, 196
Decimal	8569999
CIELab	73.68, -31.92, 20.02
CIELCh	74, 37.676, 147.907
Yxy	46.2149, 0.2993, 0.4078
Android (android.graphics.Color)	4286760079 (0xFF82C48F)
YUV	170.2240, -13.4214, -35.2764
Hunter-Lab	67.9816, -29.9063, 18.6328

Details

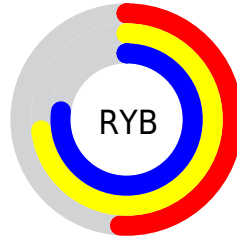
The RYB color **130, 185, 196** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **196, 130, 183**, and the grayscale version is **170, 170, 170**.

A 20% lighter version of the original color is **185, 243, 253**, and **78, 131, 142** is the 20% darker color. If you saturate the color by 10%, you get **110, 181, 196**, and if you desaturate by 10%, it is **150, 188, 196**.

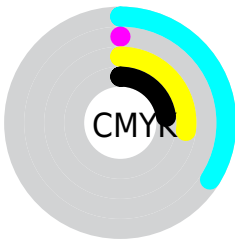
Distribution



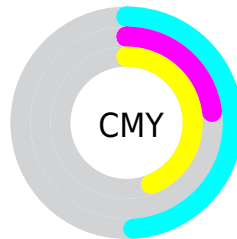
- Red (51%)
- Green (77%)
- Blue (56%)



- Red (51%)
- Yellow (73%)
- Blue (77%)



- Cyan (34%)
- Magenta (0%)
- Yellow (27%)
- Black (23%)




- Cyan (49%)
- Magenta (23%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 185, 196 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, 185, 196 by changing the saturation by 10% instead.


 130, 185, 196


255, 255, 255


 185, 243, 253


 213, 246, 255

 242, 249, 255

 130, 185, 196

 104, 158, 169

 78, 130, 142

 52, 103, 116

 24, 74, 91


 0, 49, 67

 0, 44, 44

 0, 21, 21


 0, 0, 0

 130, 185, 196


 130, 185, 196

 110, 181, 196


 150, 188, 196


 91, 179, 196


 169, 191, 196


 71, 175, 196


 189, 195, 196

 52, 173, 196

 208, 196, 206

 32, 169, 196

 228, 196, 222

 12, 165, 196

 248, 196, 237

 0, 163, 196

 255, 196, 253

 255, 196, 255

Harmonies

Analogous

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



119, 189, 137



130, 185, 196



86, 149, 199

Triad

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



130, 185, 196



128, 167, 250



248, 158, 150

Complementary

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



130, 185, 196



196, 130, 183

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.



245, 155, 185



130, 185, 196



182, 173, 242

Square

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



130, 185, 196



71, 142, 239



222, 161, 218



234, 192, 124

Rectangle

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



130, 185, 196



57, 129, 201



222, 161, 218



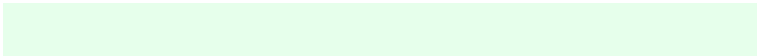
249, 155, 161

Sweetspot

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



130, 185, 196



230, 251, 255



130, 196, 143



112, 125, 128



0, 0, 0



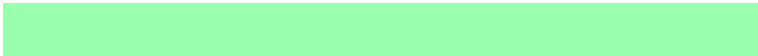
128, 128, 128

Same Dimension

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



130, 185, 196



153, 238, 255



130, 169, 196



87, 95, 97



0, 134, 161



0, 27, 33

Inverse Universe

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



196, 130, 183



255, 153, 235



196, 130, 150



97, 87, 95



161, 0, 129



33, 0, 27

Previews

White Background



This preview shows how the RYB color 130, 185, 196 looks on a white background.

Color Contrast Check

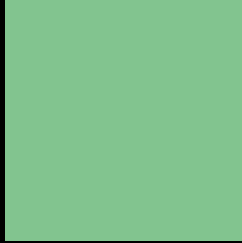
Large Text (above 18pt) WCAG AA × Fail

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, 185, 196 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, 185, 196 Background



This preview shows how black text looks on a background with the RYB color 130, 185, 196.

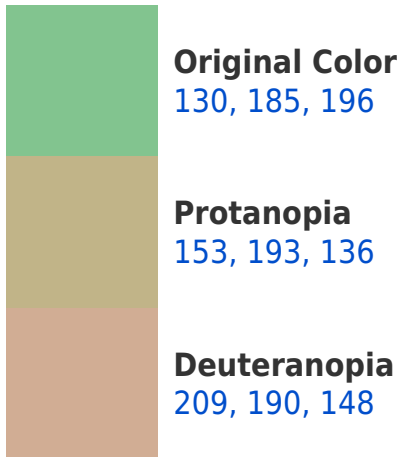


This preview shows how white text looks on a background with the RYB color 130, 185, 196.

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, 168, 203

Trichromacy



Original Color

130, 185, 196



Protanomaly

139, 186, 155



Deuteranomaly

146, 181, 147



Tritanomaly

138, 167, 191

Monochromacy



Original Color

130, 185, 196



Achromatopsia

170, 170, 170



Achromatomaly

155, 175, 179

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 185, 196 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, 196, 143)` looks like.

```
.text, #text, p{  
    color:rgb(130, 196, 143)  
}
```

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, 196, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 196, 143) }
```

Border

The CSS property to change the border of an element to RYB 130, 185, 196 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, 196, 143) }
```

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

```
.border{ border-color:rgb(130, 196, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 196, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(130, 196, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(130, 196, 143); box-shadow:4px 4px 4px 4px rgb(130, 196, 143) }
```

Background

The CSS property to change the background color of an element to RYB 130, 185, 196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 196, 143) }
```

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

```
.background{ background-color: rgb(130,  
196, 143) }
```

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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