

Converting Colors

`RYB(130, 164, 194)`

Have a look what the booklet for
RYB(130, 164, 194) contains.

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Color

R_YB(130, 164, 194)

Conversions

Conversions Part 1

Format	Color
Hex	82C2BA
RGB	130, 194, 186
RGB Percent	51%, 76%, 73%
CMY	0.4902, 0.2392, 0.2687
CMYK	0.33, 0.00, 0.04, 0.24
HSL	173°, 34%, 64%
HSV	173°, 33%, 76%
XYZ	37.4108, 46.8946, 53.7969
YIQ	173.9520, -35.5760, -16.0560

Conversions

Conversions Part 2

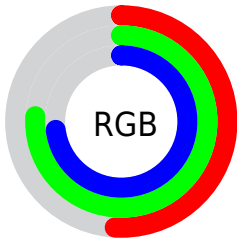
Format	Color
RYB	130, 164, 194
Decimal	8569530
CIELab	74.12, -22.03, -2.73
CIELCh	74, 22.198, 187.059
Yxy	46.8946, 0.2709, 0.3396
Android (android.graphics.Color)	4286759610 (0xFF82C2BA)
YUV	173.9520, 5.9397, -38.5459
Hunter-Lab	68.4796, -22.3240, 1.3581

Details

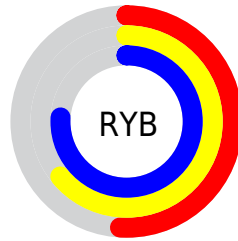
The RYB color **130, 164, 194** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **194, 130, 138**, and the grayscale version is **174, 174, 174**.

A 20% lighter version of the original color is **185, 220, 251**, and **77, 110, 140** is the 20% darker color. If you saturate the color by 10%, you get **111, 155, 194**, and if you desaturate by 10%, it is **149, 173, 194**.

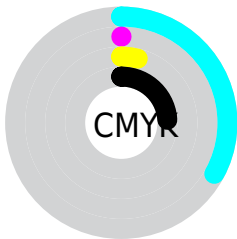
Distribution



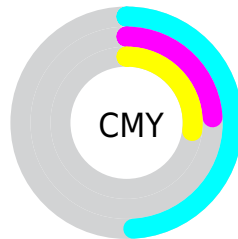
- Red (51%)
- Green (76%)
- Blue (73%)



- Red (51%)
- Yellow (64%)
- Blue (76%)



- Cyan (33%)
- Magenta (0%)
- Yellow (4%)
- Black (24%)



- Cyan (49%)
- Magenta (24%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the RYB color 130, 164, 194 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, 164, 194 by changing the saturation by 10% instead.

 130, 164, 194

255, 255, 255


 185, 220, 251

 213, 234, 255

 242, 249, 255

 130, 164, 194

 103, 137, 167

 77, 110, 140

 51, 84, 114

 22, 58, 90

 0, 34, 66

 0, 23, 43

 0, 13, 23

 0, 0, 0

 130, 164, 194

 130, 164, 194

■ 111, 155, 194

■ 149, 173, 194

■ 91, 146, 194

■ 169, 182, 194

■ 72, 137, 194

■ 188, 191, 194

■ 52, 128, 194

■ 208, 194, 196

■ 33, 119, 194

■ 227, 194, 198

■ 14, 110, 194

■ 246, 194, 200

■ 0, 103, 194

■ 255, 194, 202

■ 255, 194, 205

■ 255, 194, 207

Harmonies

Analogous

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



147, 180, 193



130, 164, 194



126, 162, 206

Triad

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



130, 164, 194



192, 175, 215



212, 203, 145

Complementary

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



130, 164, 194



194, 130, 138

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.



223, 172, 159



130, 164, 194



213, 170, 199

Square

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



130, 164, 194



165, 178, 222



224, 168, 178



156, 193, 142

Rectangle

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



130, 164, 194



133, 167, 216



224, 168, 178



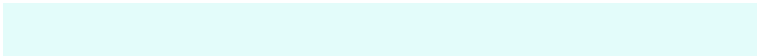
216, 189, 149

Sweetspot

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



130, 164, 194



227, 240, 252



130, 194, 185



112, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



130, 164, 194



151, 204, 252



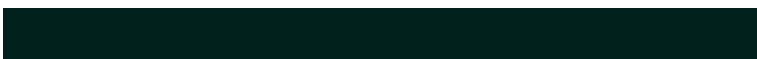
130, 155, 194



87, 92, 97



0, 86, 161



0, 18, 33

Inverse Universe

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



194, 130, 138



252, 151, 163



194, 166, 130



97, 87, 88



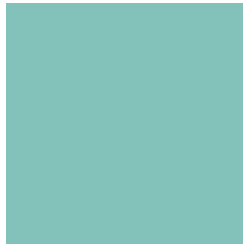
161, 0, 19



33, 0, 4

Previews

White Background



This preview shows how the RYB color 130, 164, 194 looks on a white background.

Color Contrast Check

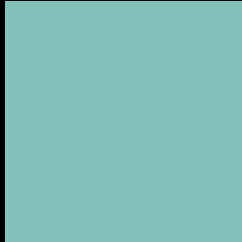
Large Text (above 18pt) WCAG AA × Fail

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, 164, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

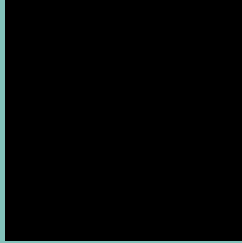
Any Text WCAG AA ✓ Pass

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, 164, 194 Background



This preview shows how black text looks on a background with the RYB color 130, 164, 194.

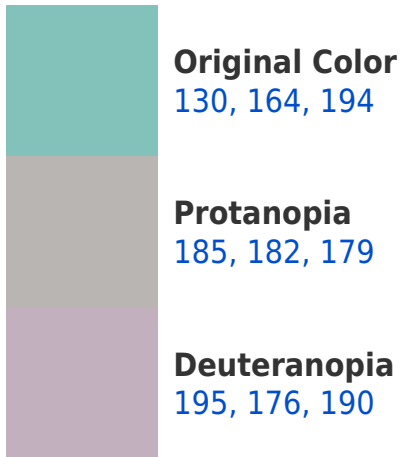


This preview shows how white text looks on a background with the RYB color 130, 164, 194.

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](#).

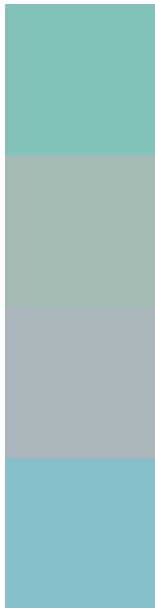
Dichromacy





Tritanopia
135, 166, 206

Trichromacy



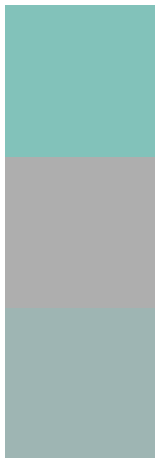
Original Color
130, 164, 194

Protanomaly
165, 177, 186

Deuteranomaly
171, 178, 189

Tritanomaly
133, 164, 199

Monochromacy



Original Color
130, 164, 194

Achromatopsia
174, 174, 174

Achromatomaly
158, 170, 181

CSS Examples

Text

The CSS property to change the color of the text to RYB 130, 164, 194 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, 194, 186)` looks like.

```
.text, #text, p{  
    color:rgb(130, 194, 186)  
}
```

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, 194, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 194, 186) }
```

Border

The CSS property to change the border of an element to RYB 130, 164, 194 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, 194, 186) }
```

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

```
.border{ border-color:rgb(130, 194, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 194, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 194, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 194, 186);  
box-shadow:4px 4px 4px 4px rgb(130, 194,  
186) }
```

Background

The CSS property to change the background color of an element to RYB 130, 164, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 194, 186) }
```

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

```
.background{ background-color: rgb(130,  
194, 186) }
```

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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