

Converting Colors

`RYB(108, 150, 194)`

Have a look what the booklet for
RYB(108, 150, 194) contains.

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Color

R_YB(108, 150, 194)

Conversions

Conversions Part 1

Format	Color
Hex	6CBEC2
RGB	108, 190, 194
RGB Percent	42%, 75%, 76%
CMY	0.5765, 0.2545, 0.2392
CMYK	0.44, 0.02, 0.00, 0.24
HSL	183°, 41%, 59%
HSV	183°, 44%, 76%
XYZ	34.3551, 43.9495, 57.7113
YIQ	165.9380, -50.1560, -16.1400

Conversions

Conversions Part 2

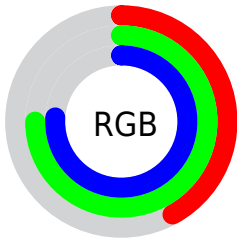
Format	Color
RYB	108, 150, 194
Decimal	7126722
CIELab	72.19, -23.98, -9.80
CIELCh	72, 25.906, 202.220
Yxy	43.9495, 0.2526, 0.3231
Android (android.graphics.Color)	4285316802 (0xFF6CBEC2)
YUV	165.9380, 13.8346, -50.8116
Hunter-Lab	66.2944, -23.5129, -5.2077

Details

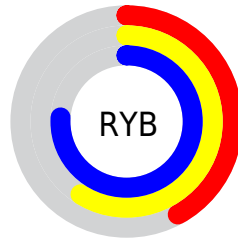
The RYB color **108, 150, 194** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **194, 112, 108**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **164, 206, 250**, and **50, 94, 140** is the 20% darker color. If you saturate the color by 10%, you get **89, 140, 194**, and if you desaturate by 10%, it is **127, 160, 194**.

Distribution



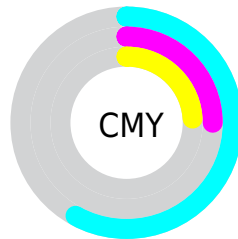
- Red (42%)
- Green (75%)
- Blue (76%)



- Red (42%)
- Yellow (59%)
- Blue (76%)



- Cyan (44%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)



- Cyan (58%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 150, 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 108, 150, 194 by changing the saturation by 10% instead.

 108, 150, 194

255, 255, 255


 164, 206, 250

 193, 224, 255

 222, 239, 255

 251, 253, 255

 108, 150, 194

 80, 122, 167

 50, 94, 140

 10, 61, 115

 0, 44, 90

 0, 32, 67

 0, 21, 45

 0, 9, 25

 0, 0, 0

 108, 150, 194

 108, 150, 194

89, 140, 194

127, 160, 194

69, 130, 194

147, 170, 194

50, 120, 194

166, 180, 194

30, 110, 194

186, 190, 194

11, 100, 194

205, 195, 194

0, 95, 194

224, 195, 194

244, 196, 194

255, 197, 194

255, 198, 194

Harmonies

Analogous

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



123, 162, 190



108, 150, 194



114, 156, 214

Triad

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



108, 150, 194



202, 165, 206



174, 200, 130

Complementary

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



108, 150, 194



194, 112, 108

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.



218, 178, 141



108, 150, 194



220, 160, 184

Square

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



108, 150, 194



173, 173, 221



225, 161, 160



133, 181, 138

Rectangle

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



108, 150, 194



129, 163, 221



225, 161, 160



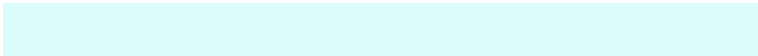
201, 207, 132

Sweetspot

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



108, 150, 194



220, 236, 252



108, 191, 194



107, 117, 128



0, 0, 0



128, 128, 128

Same Dimension

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



108, 150, 194



119, 184, 252



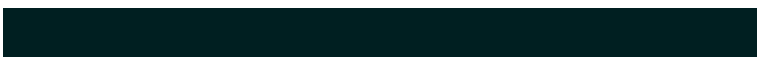
108, 135, 194



87, 92, 97



0, 78, 161



0, 16, 33

Inverse Universe

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



194, 108, 190



252, 119, 246



183, 194, 108



97, 87, 96



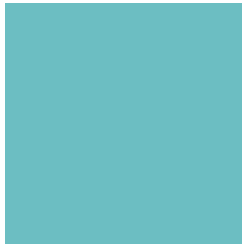
161, 0, 153



33, 0, 32

Previews

White Background



This preview shows how the RYB color 108, 150, 194 looks on a white background.

Color Contrast Check

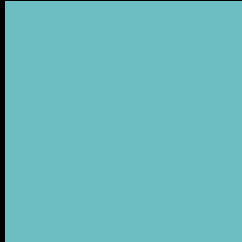
Large Text (above 18pt) WCAG AA × Fail

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 108, 150, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

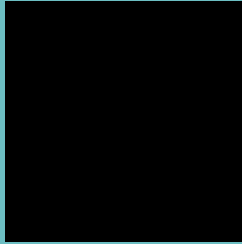
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

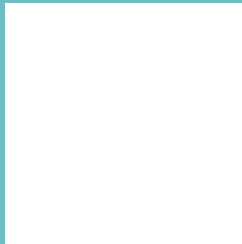
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYP 108, 150, 194 Background



This preview shows how black text looks on a background with the RYP color 108, 150, 194.

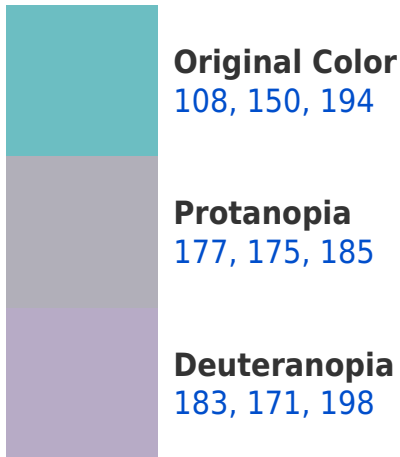


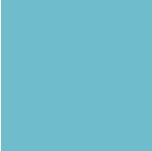
This preview shows how white text looks on a background with the RYP color 108, 150, 194.

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
111, 153, 204

Trichromacy



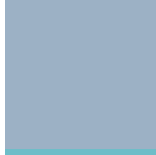
Original Color

108, 150, 194



Protanomaly

152, 168, 188



Deuteranomaly

156, 170, 197



Tritanomaly

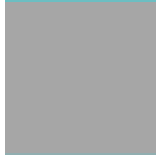
110, 152, 200

Monochromacy



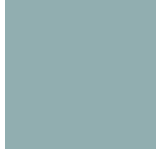
Original Color

108, 150, 194



Achromatopsia

166, 166, 166



Achromatomaly

145, 160, 176

CSS Examples

Text

The CSS property to change the color of the text to RYB 108, 150, 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(108, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(108, 190, 194)  
}
```

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(108, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 190, 194) }
```

Border

The CSS property to change the border of an element to RYB 108, 150, 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(108, 190, 194) }
```

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

```
.border{ border-color:rgb(108, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(108, 190, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(108, 190, 194); box-shadow:4px 4px 4px 4px rgb(108, 190, 194) }
```

Background

The CSS property to change the background color of an element to RYB 108, 150, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 190, 194) }
```

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

```
.background{ background-color: rgb(108,  
190, 194) }
```

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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