

Converting Colors

`RYB(124, 166, 197)`

Have a look what the booklet for RYB(124, 166, 197) contains.

RYB(124, 166, 197)	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(124, 166, 197)

Conversions

Conversions Part 1

Format	Color
Hex	7CC5B2
RGB	124, 197, 178
RGB Percent	49%, 77%, 70%
CMY	0.5137, 0.2275, 0.3024
CMYK	0.37, 0.00, 0.10, 0.23
HSL	164°, 39%, 63%
HSV	164°, 37%, 77%
XYZ	36.3024, 47.4272, 49.2979
YIQ	173.0070, -37.4090, -21.3850

Conversions

Conversions Part 2

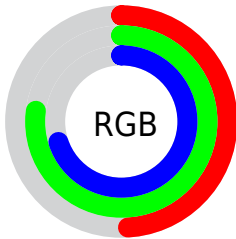
Format	Color
RYB	124, 166, 197
Decimal	8177074
CIELab	74.46, -27.15, 2.39
CIELCh	74, 27.255, 174.959
Yxy	47.4272, 0.2729, 0.3565
Android (android.graphics.Color)	4286367154 (0xFF7CC5B2)
YUV	173.0070, 2.4615, -42.9791
Hunter-Lab	68.8674, -26.4244, 5.7652

Details

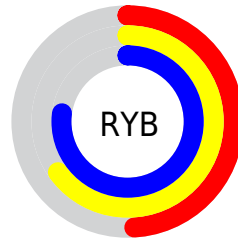
The RYB color **124, 166, 197** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **197, 124, 143**, and the grayscale version is **173, 173, 173**.

A 20% lighter version of the original color is **179, 222, 254**, and **70, 112, 143** is the 20% darker color. If you saturate the color by 10%, you get **104, 157, 197**, and if you desaturate by 10%, it is **144, 175, 197**.

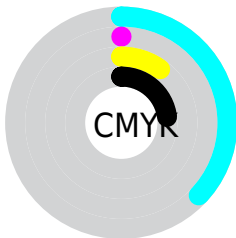
Distribution



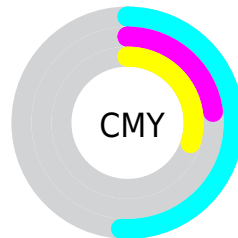
- Red (49%)
- Green (77%)
- Blue (70%)



- Red (49%)
- Yellow (65%)
- Blue (77%)



- Cyan (37%)
- Magenta (0%)
- Yellow (10%)
- Black (23%)



- Cyan (51%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 166, 197 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 124, 166, 197 by changing the saturation by 10% instead.


 124, 166, 197


255, 255, 255


 179, 222, 254

 208, 232, 255

 236, 246, 255

 124, 166, 197

 97, 139, 170


 70, 112, 143

 43, 85, 117


 8, 54, 92


 0, 38, 68

 0, 26, 45

 0, 17, 24


 0, 0, 0

 124, 166, 197


 124, 166, 197


 104, 157, 197


 144, 175, 197

 85, 149, 197


 163, 183, 197


 65, 141, 197


 183, 191, 197


 45, 133, 197


 203, 197, 199

 26, 124, 197

 223, 197, 204

 6, 116, 197

 242, 197, 209

 0, 113, 197

 255, 197, 214

 255, 197, 219

 255, 197, 224

Harmonies

Analogous

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



151, 191, 194



124, 166, 197



109, 154, 203

Triad

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



124, 166, 197



181, 178, 228



225, 188, 143

Complementary

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



124, 166, 197



197, 124, 143

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.



234, 166, 163



124, 166, 197



211, 170, 212

Square

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



124, 166, 197



146, 174, 233



230, 165, 188



171, 205, 133

Rectangle

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



124, 166, 197



111, 158, 218



230, 165, 188



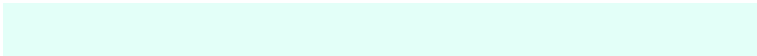
229, 176, 149

Sweetspot

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



124, 166, 197



227, 243, 255



124, 197, 178



111, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 166, 197



143, 207, 255



124, 156, 197



90, 95, 99



0, 94, 163



0, 21, 36

Inverse Universe

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



197, 124, 143



255, 143, 172



197, 146, 124



99, 90, 92



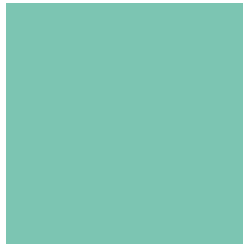
163, 0, 43



36, 0, 9

Previews

White Background



This preview shows how the RYB color 124, 166, 197 looks on a white background.

Color Contrast Check

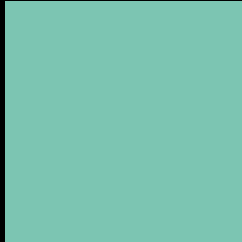
Large Text (above 18pt) WCAG AA × Fail

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 124, 166, 197 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 124, 166, 197 Background



This preview shows how black text looks on a background with the RYB color 124, 166, 197.

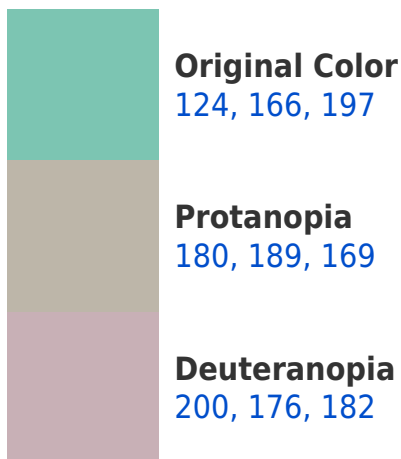


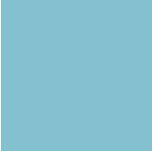
This preview shows how white text looks on a background with the RYB color 124, 166, 197.

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
131, 165, 208

Trichromacy



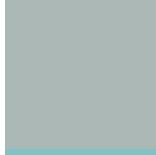
Original Color

124, 166, 197



Protanomaly

165, 182, 187



Deuteranomaly

172, 179, 184



Tritanomaly

128, 162, 197

Monochromacy



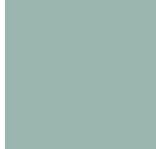
Original Color

124, 166, 197



Achromatopsia

173, 173, 173



Achromatomaly

155, 171, 182

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 166, 197 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(124, 197, 178)` looks like.

```
.text, #text, p{  
    color:rgb(124, 197, 178)  
}
```

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(124, 197, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 197, 178) }
```

Border

The CSS property to change the border of an element to RYB 124, 166, 197 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(124, 197, 178) }
```

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

```
.border{ border-color:rgb(124, 197, 178) }
```

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

Here you see how a box with a 4 pixel rgb(124, 197, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 197, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 197, 178);  
box-shadow:4px 4px 4px 4px rgb(124, 197,  
178) }
```

Background

The CSS property to change the background color of an element to RYB 124, 166, 197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 197, 178) }
```

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

```
.background{ background-color: rgb(124,  
197, 178) }
```

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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