

Converting Colors

`RYB(124, 166, 207)`

Have a look what the booklet for RYB(124, 166, 207) contains.

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Color

R_YB(124, 166, 207)

Conversions

Conversions Part 1

Format	Color
Hex	7CCFCD
RGB	124, 207, 205
RGB Percent	49%, 81%, 80%
CMY	0.5137, 0.1882, 0.1960
CMYK	0.40, 0.00, 0.01, 0.19
HSL	179°, 46%, 65%
HSV	179°, 40%, 81%
XYZ	41.6473, 53.3197, 65.8694
YIQ	181.9550, -48.8260, -18.2180

Conversions

Conversions Part 2

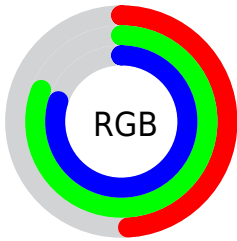
Format	Color
RYB	124, 166, 207
Decimal	8179661
CIELab	78.06, -25.68, -6.97
CIELCh	78, 26.606, 195.190
Yxy	53.3197, 0.2589, 0.3315
Android (android.graphics.Color)	4286369741 (0xFF7CCFCD)
YUV	181.9550, 11.3612, -50.8265
Hunter-Lab	73.0203, -25.9776, -2.3694

Details

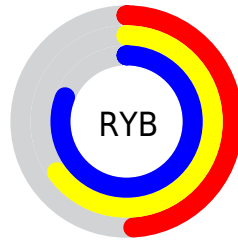
The RYB color **124, 166, 207** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **207, 124, 126**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **180, 218, 255**, and **68, 110, 152** is the 20% darker color. If you saturate the color by 10%, you get **103, 156, 207**, and if you desaturate by 10%, it is **145, 176, 207**.

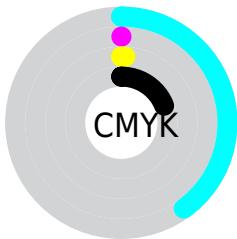
Distribution



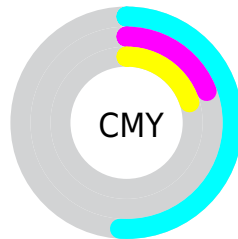
- Red (49%)
- Green (81%)
- Blue (80%)



- Red (49%)
- Yellow (65%)
- Blue (81%)



- Cyan (40%)
- Magenta (0%)
- Yellow (1%)
- Black (19%)




- Cyan (51%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 166, 207 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, 207 by changing the saturation by 10% instead.

 124, 166, 207


255, 255, 255


 180, 218, 255

 209, 232, 255

 239, 247, 255


 124, 166, 207

 96, 138, 179


 68, 110, 152

 37, 82, 126

 0, 51, 101

 0, 39, 77

 0, 27, 54

 0, 17, 33

 0, 0, 9

 0, 0, 0

■ 124, 166, 207

■ 124, 166, 207

■ 103, 156, 207

■ 145, 176, 207

■ 83, 146, 207

■ 165, 186, 207

■ 62, 135, 207

■ 186, 197, 207

■ 41, 125, 207

■ 207, 207, 207

■ 20, 115, 207

■ 228, 207, 207

■ 0, 105, 207

■ 248, 207, 208

■ 255, 207, 208

■ 255, 207, 209

Harmonies

Analogous

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



143, 183, 206



124, 166, 207



124, 169, 227

Triad

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



124, 166, 207



212, 183, 228



214, 223, 146

Complementary

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



124, 166, 207



207, 124, 126

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.



239, 187, 159



124, 166, 207



235, 176, 206

Square

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



124, 166, 207



180, 189, 240



244, 175, 181



148, 198, 145

Rectangle

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



124, 166, 207



137, 176, 237



244, 175, 181



229, 214, 149

Sweetspot

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



124, 166, 207



224, 240, 255



124, 207, 204



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 166, 207



133, 195, 255



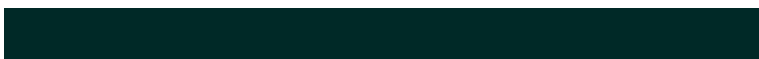
124, 153, 207



94, 100, 105



0, 85, 168



0, 21, 41

Inverse Universe

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



207, 124, 126



255, 133, 136



207, 198, 124



105, 94, 94



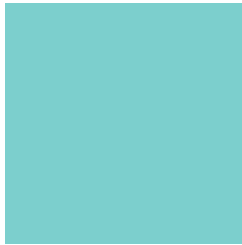
168, 0, 4



41, 0, 1

Previews

White Background



This preview shows how the RYB color 124, 166, 207 looks on a white background.

Color Contrast Check

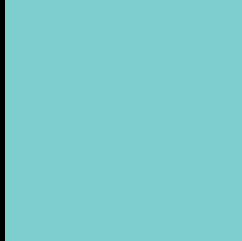
Large Text (above 18pt) WCAG AA × Fail

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, 207 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 124, 166, 207 Background



This preview shows how black text looks on a background with the RYB color 124, 166, 207.

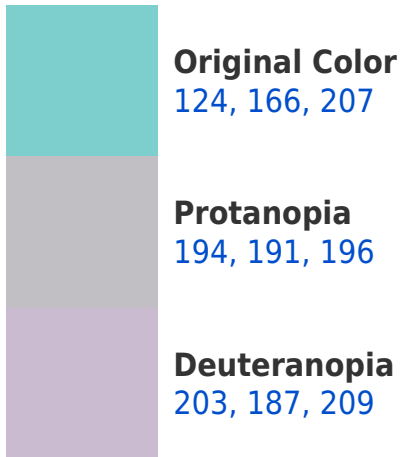


This preview shows how white text looks on a background with the RYB color 124, 166, 207.

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](#).

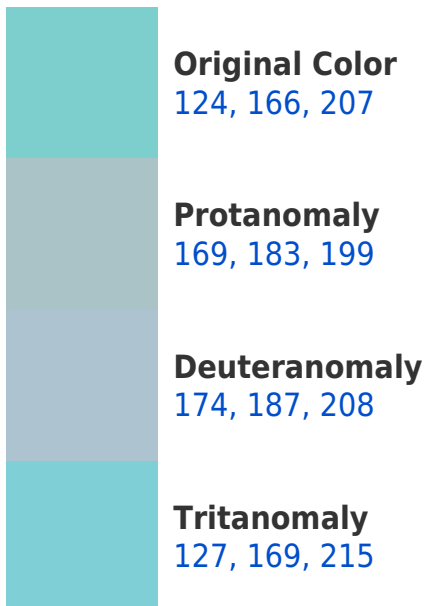
Dichromacy



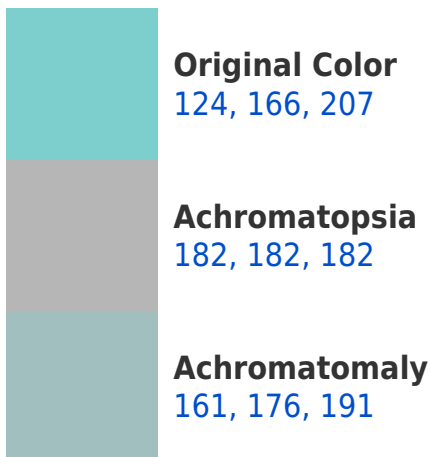


Tritanopia
128, 170, 221

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 166, 207 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, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(124, 207, 205)  
}
```

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, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 207, 205) }
```

Border

The CSS property to change the border of an element to RYB 124, 166, 207 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, 207, 205) }
```

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

```
.border{ border-color:rgb(124, 207, 205) }
```

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

Here you see how a box with a 4 pixel rgb(124, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(124, 207,  
205) }
```

Background

The CSS property to change the background color of an element to RYB 124, 166, 207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 207, 205) }
```

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

```
.background{ background-color: rgb(124,  
207, 205) }
```

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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