

Converting Colors

`RYB(124, 165, 194)`

Have a look what the booklet for
RYB(124, 165, 194) contains.

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Color

R_YB(124, 165, 194)

Conversions

Conversions Part 1

Format	Color
Hex	7CC2AE
RGB	124, 194, 174
RGB Percent	49%, 76%, 68%
CMY	0.5137, 0.2392, 0.3196
CMYK	0.36, 0.00, 0.11, 0.24
HSL	162°, 36%, 62%
HSV	162°, 36%, 76%
XYZ	35.1965, 45.9057, 46.8011
YIQ	170.7900, -35.3000, -21.0600

Conversions

Conversions Part 2

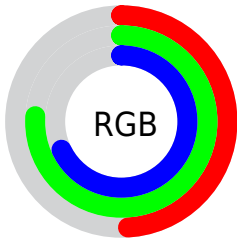
Format	Color
RYB	124, 165, 194
Decimal	8176302
CIELab	73.48, -26.66, 3.35
CIELCh	73, 26.866, 172.845
Yxy	45.9057, 0.2752, 0.3589
Android (android.graphics.Color)	4286366382 (0xFF7CC2AE)
YUV	170.7900, 1.5825, -41.0348
Hunter-Lab	67.7537, -25.8424, 6.4728

Details

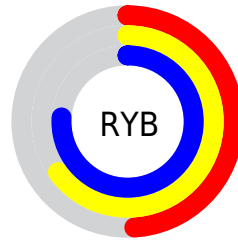
The RYB color `124, 165, 194` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `194, 124, 144`, and the grayscale version is `171, 171, 171`.

A 20% lighter version of the original color is `179, 221, 251`, and `71, 111, 140` is the 20% darker color. If you saturate the color by 10%, you get `105, 157, 194`, and if you desaturate by 10%, it is `143, 173, 194`.

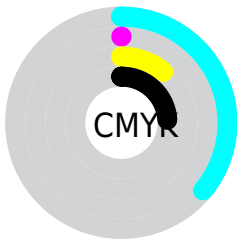
Distribution



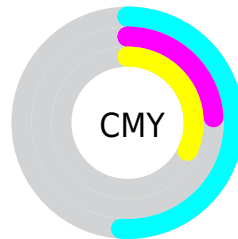
- Red (49%)
- Green (76%)
- Blue (68%)



- Red (49%)
- Yellow (65%)
- Blue (76%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (24%)




- Cyan (51%)
- Magenta (24%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 165, 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 124, 165, 194 by changing the saturation by 10% instead.


 124, 165, 194


255, 255, 255


 179, 221, 251

 207, 231, 255


 236, 246, 255

 124, 165, 194

 97, 138, 167

 71, 111, 140

 44, 84, 114


 11, 54, 89


 0, 38, 66

 0, 26, 43

 0, 18, 21


 0, 0, 0


 124, 165, 194


 124, 165, 194


 105, 157, 194


 143, 173, 194


 85, 149, 194


 163, 181, 194


 66, 141, 194


 182, 189, 194


 46, 133, 194

 202, 194, 196

 27, 125, 194

 221, 194, 202

 8, 117, 194

 240, 194, 208

 0, 114, 194

 255, 194, 213

 255, 194, 219

 255, 194, 225

Harmonies

Analogous

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



150, 191, 191



124, 165, 194



108, 152, 199

Triad

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



124, 165, 194



176, 176, 226



223, 183, 142

Complementary

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



124, 165, 194



194, 124, 144

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.



231, 163, 163



124, 165, 194



207, 168, 211

Square

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



124, 165, 194



142, 171, 229



225, 163, 187



175, 204, 132

Rectangle

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



124, 165, 194



109, 155, 213



225, 163, 187



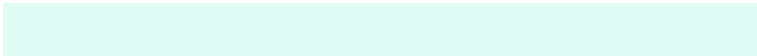
227, 173, 148

Sweetspot

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



124, 165, 194



225, 241, 252



124, 194, 173



111, 121, 128



0, 0, 0



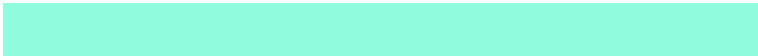
128, 128, 128

Same Dimension

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



124, 165, 194



144, 207, 252



124, 155, 194



87, 93, 97



0, 94, 161



0, 19, 33

Inverse Universe

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



194, 124, 144



252, 144, 176



194, 142, 124



97, 87, 90



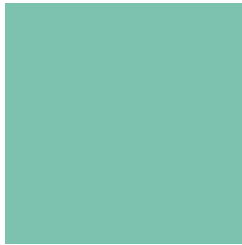
161, 0, 47



33, 0, 10

Previews

White Background



This preview shows how the RYB color 124, 165, 194 looks on a white background.

Color Contrast Check

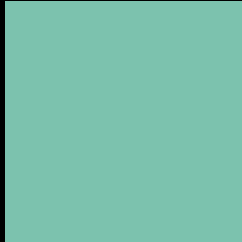
Large Text (above 18pt) WCAG AA × Fail

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 124, 165, 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

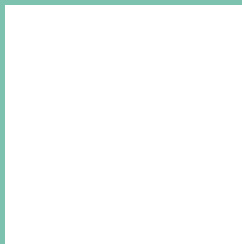
Any Text WCAG AAA ✓ Pass

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

RYB 124, 165, 194 Background



This preview shows how black text looks on a background with the RYB color 124, 165, 194.



This preview shows how white text looks on a background with the RYB color 124, 165, 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](#).

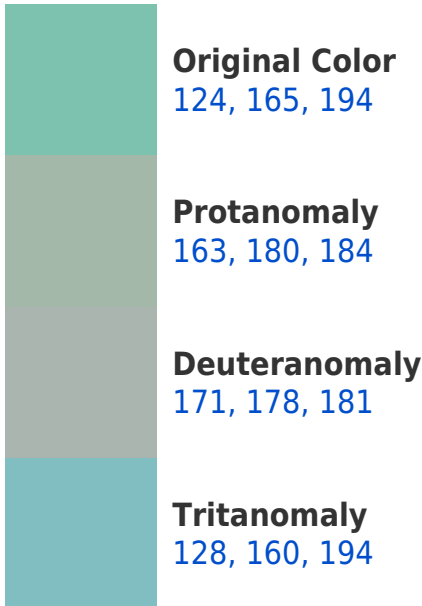
Dichromacy



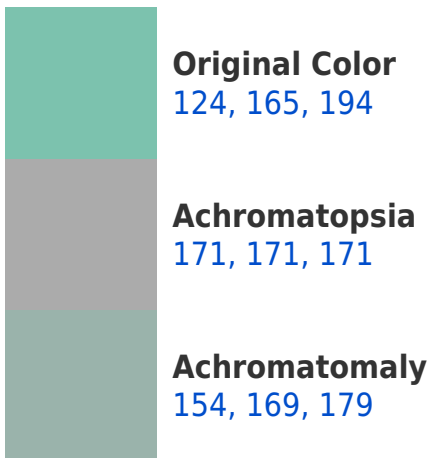


Tritanopia
131, 164, 205

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 165, 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(124, 194, 174)` looks like.

```
.text, #text, p{  
    color:rgb(124, 194, 174)  
}
```

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, 194, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 194, 174) }
```

Border

The CSS property to change the border of an element to RYB 124, 165, 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(124, 194, 174) }
```

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

```
.border{ border-color:rgb(124, 194, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 194, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 194, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 194, 174);  
box-shadow:4px 4px 4px 4px rgb(124, 194,  
174) }
```

Background

The CSS property to change the background color of an element to RYB 124, 165, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 194, 174) }
```

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

```
.background{ background-color: rgb(124,  
194, 174) }
```

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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