

Converting Colors

`RYB(124, 171, 212)`

Have a look what the booklet for
RYB(124, 171, 212) contains.

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Color

`RYB(124, 171, 212)`

Conversions

Conversions Part 1

Format	Color
Hex	7CD4C9
RGB	124, 212, 201
RGB Percent	49%, 83%, 79%
CMY	0.5137, 0.1686, 0.2127
CMYK	0.42, 0.00, 0.05, 0.17
HSL	172°, 51%, 66%
HSV	172°, 42%, 83%
XYZ	42.3708, 55.5781, 63.6086
YIQ	184.4340, -48.9170, -22.0770

Conversions

Conversions Part 2

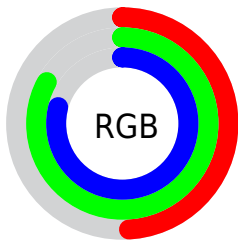
Format	Color
RYB	124, 171, 212
Decimal	8180937
CIELab	79.37, -29.14, -2.76
CIELCh	79, 29.266, 185.403
Yxy	55.5781, 0.2623, 0.3440
Android (android.graphics.Color)	4286371017 (0xFF7CD4C9)
YUV	184.4340, 8.1670, -53.0006
Hunter-Lab	74.5507, -29.0136, 1.5978

Details

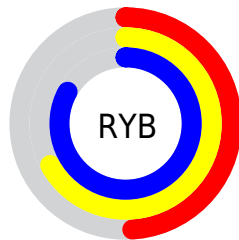
The RYB color **124, 171, 212** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **212, 124, 135**, and the grayscale version is **184, 184, 184**.

A 20% lighter version of the original color is **181, 218, 255**, and **68, 115, 157** is the 20% darker color. If you saturate the color by 10%, you get **103, 161, 212**, and if you desaturate by 10%, it is **145, 181, 212**.

Distribution



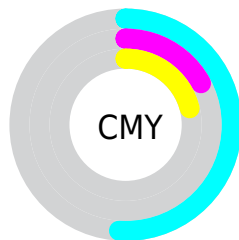
- Red (49%)
- Green (83%)
- Blue (79%)



- Red (49%)
- Yellow (67%)
- Blue (83%)



- Cyan (42%)
- Magenta (0%)
- Yellow (5%)
- Black (17%)




- Cyan (51%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 171, 212 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, 171, 212 by changing the saturation by 10% instead.

 124, 171, 212


255, 255, 255


 181, 218, 255

 209, 232, 255

 239, 247, 255

 124, 171, 212


 96, 143, 184

 68, 115, 157

 36, 86, 131

 0, 55, 105


 0, 43, 81

 0, 30, 57


 0, 20, 36

 0, 0, 4


 0, 0, 0

 124, 171, 212


 124, 171, 212

 103, 161, 212


 145, 181, 212

 82, 152, 212


 166, 191, 212

 60, 141, 212

 188, 201, 212

 39, 131, 212

 209, 211, 212

 18, 122, 212

 230, 212, 214

 0, 113, 212

 251, 212, 217

 255, 212, 220

 255, 212, 222

 255, 212, 225

Harmonies

Analogous

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



150, 193, 210



124, 171, 212



115, 167, 227

Triad

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



124, 171, 212



207, 188, 241



236, 218, 148

Complementary

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



124, 171, 212



212, 124, 135

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.



250, 183, 166



124, 171, 212



236, 180, 220

Square

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



124, 171, 212



170, 190, 250



251, 177, 193



163, 212, 142

Rectangle

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



124, 171, 212



125, 173, 241



251, 177, 193



242, 201, 153

Sweetspot

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



124, 171, 212



224, 241, 255



124, 212, 200



110, 120, 128



0, 0, 0



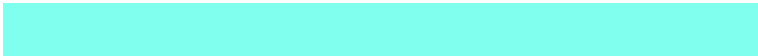
128, 128, 128

Same Dimension

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



124, 171, 212



128, 196, 255



124, 158, 212



96, 102, 107



0, 91, 171



0, 23, 43

Inverse Universe

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



212, 124, 135



255, 128, 144



212, 174, 124



107, 96, 98



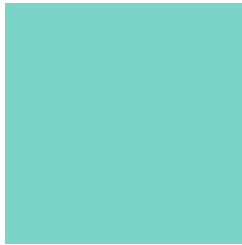
171, 0, 22



43, 0, 6

Previews

White Background



This preview shows how the RYB color 124, 171, 212 looks on a white background.

Color Contrast Check

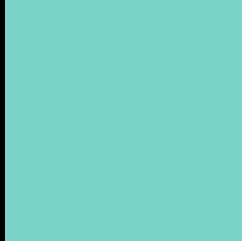
Large Text (above 18pt) WCAG AA × Fail

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, 171, 212 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, 171, 212 Background



This preview shows how black text looks on a background with the RYB color 124, 171, 212.

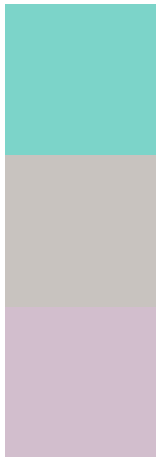


This preview shows how white text looks on a background with the RYB color 124, 171, 212.

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](#).

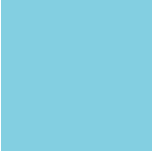
Dichromacy



Original Color
124, 171, 212

Protanopia
200, 198, 191

Deuteranopia
210, 190, 205



Tritanopia
131, 173, 225

Trichromacy



Original Color

124, 171, 212



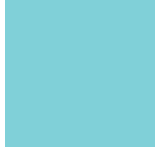
Protanomaly

172, 188, 201



Deuteranomaly

179, 190, 203



Tritanomaly

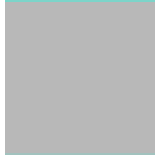
128, 170, 216

Monochromacy



Original Color

124, 171, 212



Achromatopsia

184, 184, 184



Achromatomaly

162, 179, 194

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 171, 212 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, 212, 201)` looks like.

```
.text, #text, p{  
    color:rgb(124, 212, 201)  
}
```

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, 212, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 212, 201) }
```

Border

The CSS property to change the border of an element to RYB 124, 171, 212 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, 212, 201) }
```

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

```
.border{ border-color:rgb(124, 212, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 212, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 212, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 212, 201);  
box-shadow:4px 4px 4px 4px rgb(124, 212,  
201) }
```

Background

The CSS property to change the background color of an element to RYB 124, 171, 212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 212, 201) }
```

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

```
.background{ background-color: rgb(124,  
212, 201) }
```

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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