

Converting Colors

`RYB(124, 173, 222)`

Have a look what the booklet for
RYB(124, 173, 222) contains.

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Color

`RYB(124, 173, 222)`

Conversions

Conversions Part 1

Format	Color
Hex	7CDEDE
RGB	124, 222, 222
RGB Percent	49%, 87%, 87%
CMY	0.5137, 0.1294, 0.1294
CMYK	0.44, 0.00, 0.00, 0.13
HSL	180°, 60%, 68%
HSV	180°, 44%, 87%
XYZ	47.6183, 61.8016, 78.5264
YIQ	192.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

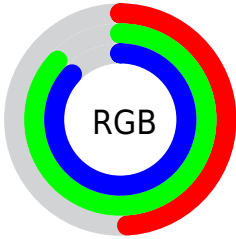
Format	Color
RYB	124, 173, 222
Decimal	8183518
CIELab	82.81, -28.78, -9.00
CIELCh	83, 30.155, 197.360
Yxy	61.8016, 0.2534, 0.3288
Android (android.graphics.Color)	4286373598 (0xFF7CDEDE)
YUV	192.6980, 14.4459, -60.2481
Hunter-Lab	78.6140, -29.4529, -4.1942

Details

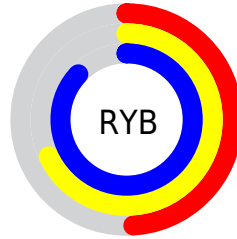
The RYB color **124, 173, 222** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **222, 124, 124**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **182, 219, 255**, and **65, 116, 167** is the 20% darker color. If you saturate the color by 10%, you get **102, 162, 222**, and if you desaturate by 10%, it is **146, 184, 222**.

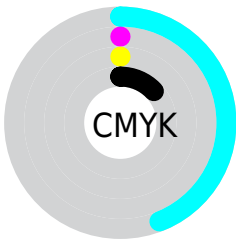
Distribution



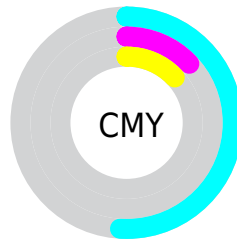
- Red (49%)
- Green (87%)
- Blue (87%)



- Red (49%)
- Yellow (68%)
- Blue (87%)



- Cyan (44%)
- Magenta (0%)
- Yellow (0%)
- Black (13%)




- Cyan (51%)
- Magenta (13%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 173, 222 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, 173, 222 by changing the saturation by 10% instead.

 124, 173, 222


255, 255, 255


 182, 219, 255


 211, 233, 255

 241, 248, 255

 124, 173, 222


 95, 145, 194

 65, 116, 167


 28, 84, 141

 0, 57, 115

 0, 45, 91

 0, 33, 67

 0, 22, 45

 0, 10, 25

 0, 0, 0

■ 124, 173, 222

■ 124, 173, 222

■ 102, 162, 222

■ 146, 184, 222

■ 80, 151, 222

■ 168, 195, 222

■ 57, 140, 222

■ 191, 207, 222

■ 35, 129, 222

■ 213, 218, 222

■ 13, 118, 222

■ 235, 222, 222

■ 0, 111, 222

■ 255, 222, 222

Harmonies

Analogous

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



146, 192, 221



124, 173, 222



126, 179, 247

Triad

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



124, 173, 222



231, 193, 245



218, 238, 151

Complementary

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



124, 173, 222



222, 124, 124

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.



255, 201, 166



124, 173, 222



255, 187, 219

Square

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



124, 173, 222



194, 202, 255



255, 186, 191



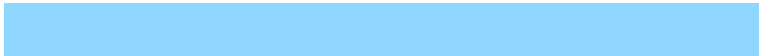
152, 210, 152

Rectangle

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



124, 173, 222



143, 187, 255



255, 186, 191



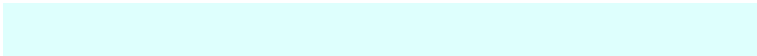
245, 234, 155

Sweetspot

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



124, 173, 222



222, 239, 255



124, 222, 222



107, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 173, 222



120, 188, 255



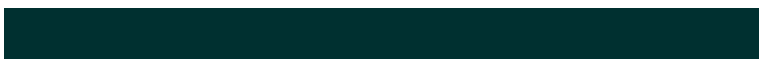
124, 157, 222



101, 107, 112



0, 88, 176



0, 24, 48

Inverse Universe

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



222, 124, 222



255, 120, 255



222, 222, 124



112, 101, 112



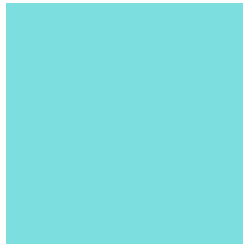
176, 0, 176



48, 0, 48

Previews

White Background



This preview shows how the RYB color 124, 173, 222 looks on a white background.

Color Contrast Check

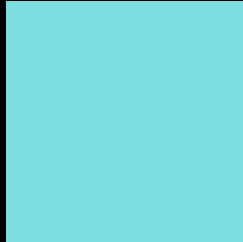
Large Text (above 18pt) WCAG AA × Fail

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, 173, 222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

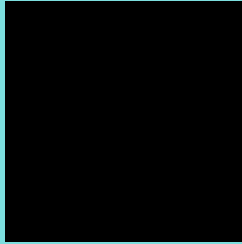
Any Text WCAG AA ✓ Pass

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, 173, 222 Background



This preview shows how black text looks on a background with the RYB color 124, 173, 222.

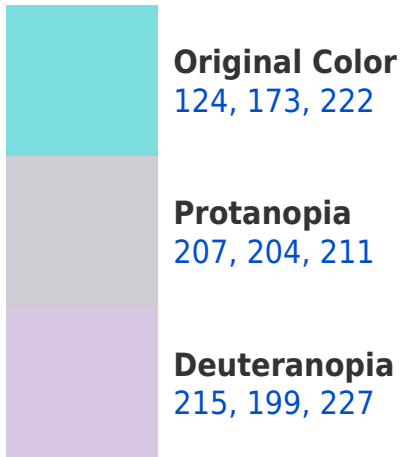



This preview shows how white text looks on a background with the RYB color 124, 173, 222.

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



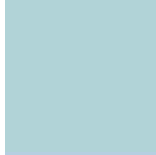


Tritanopia
129, 178, 237

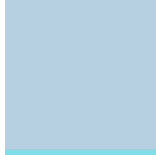
Trichromacy



Original Color
124, 173, 222



Protanomaly
177, 195, 215



Deuteranomaly
182, 198, 225

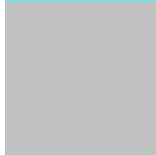


Tritanomaly
127, 177, 232

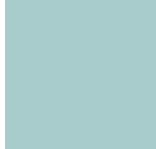
Monochromacy



Original Color
124, 173, 222



Achromatopsia
193, 193, 193



Achromatomaly
168, 186, 204

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 173, 222 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, 222, 222)` looks like.

```
.text, #text, p{  
    color:rgb(124, 222, 222)  
}
```

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, 222, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 222, 222) }
```

Border

The CSS property to change the border of an element to RYB 124, 173, 222 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, 222, 222) }
```

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

```
.border{ border-color:rgb(124, 222, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 222, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 222, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 222, 222);  
box-shadow:4px 4px 4px 4px rgb(124, 222,  
222) }
```

Background

The CSS property to change the background color of an element to RYB 124, 173, 222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 222, 222) }
```

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

```
.background{ background-color: rgb(124,  
222, 222) }
```

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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