

Converting Colors

`RYB(124, 180, 240)`

Have a look what the booklet for
RYB(124, 180, 240) contains.

RYB(124, 180, 240)	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

$\text{RYB}(124, 180, 240)$

Conversions

Conversions Part 1

Format	Color
Hex	7CE8F0
RGB	124, 232, 240
RGB Percent	49%, 91%, 94%
CMY	0.5137, 0.0892, 0.0588
CMYK	0.48, 0.03, 0.00, 0.06
HSL	184°, 79%, 71%
HSV	184°, 48%, 94%
XYZ	52.9721, 68.4398, 92.8564
YIQ	200.6200, -66.9360, -20.4080

Conversions

Conversions Part 2

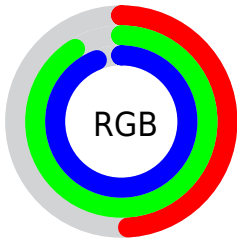
Format	Color
RYB	124, 180, 240
Decimal	8186096
CIELab	86.23, -29.16, -13.41
CIELCh	86, 32.094, 204.699
Yxy	68.4398, 0.2472, 0.3194
Android (android.graphics.Color)	4286376176 (0xFF7CE8F0)
YUV	200.6200, 19.4143, -67.1957
Hunter-Lab	82.7284, -30.4787, -8.6387

Details

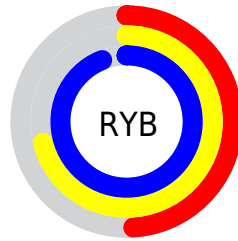
The RYB color **124, 180, 240** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **240, 133, 124**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **183, 219, 255**, and **61, 120, 184** is the 20% darker color. If you saturate the color by 10%, you get **100, 168, 240**, and if you desaturate by 10%, it is **148, 192, 240**.

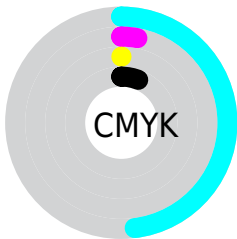
Distribution



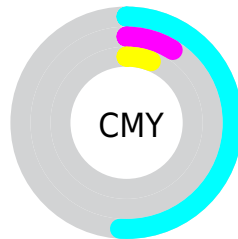
- Red (49%)
- Green (91%)
- Blue (94%)



- Red (49%)
- Yellow (71%)
- Blue (94%)



- Cyan (48%)
- Magenta (3%)
- Yellow (0%)
- Black (6%)




- Cyan (51%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 180, 240 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, 180, 240 by changing the saturation by 10% instead.

 124, 180, 240


255, 255, 255


 183, 219, 255

 213, 234, 255

 243, 249, 255

 124, 180, 240


 94, 151, 212

 61, 120, 184


 14, 83, 157

 0, 63, 131


 0, 51, 106

 0, 39, 82


 0, 27, 59

 0, 17, 37


 0, 1, 16

 124, 180, 240


 124, 180, 240

 100, 168, 240


 148, 192, 240

 76, 155, 240

 172, 205, 240

 52, 143, 240

 196, 217, 240

 28, 130, 240

 220, 230, 240

 4, 118, 240

 244, 240, 240

 0, 116, 240

 255, 242, 240

 255, 244, 240

 255, 248, 240

 255, 253, 240

Harmonies

Analogous

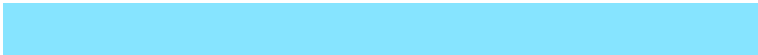
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



143, 194, 232



124, 180, 240



134, 187, 255

Triad

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



124, 180, 240



250, 200, 251



203, 243, 155

Complementary

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



124, 180, 240



240, 133, 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, 225, 167



124, 180, 240



255, 194, 222

Square

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



124, 180, 240



213, 210, 255



255, 195, 192



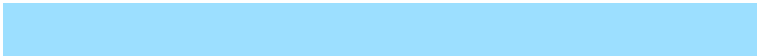
160, 222, 171

Rectangle

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



124, 180, 240



156, 196, 255



255, 195, 192



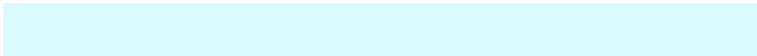
241, 252, 158

Sweetspot

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



124, 180, 240



217, 235, 255



124, 233, 240



105, 116, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 180, 240



107, 178, 255



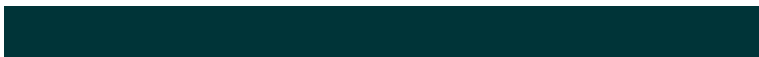
124, 159, 240



108, 114, 120



0, 89, 184



0, 27, 56

Inverse Universe

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



240, 124, 232



255, 107, 245



212, 240, 124



120, 108, 119



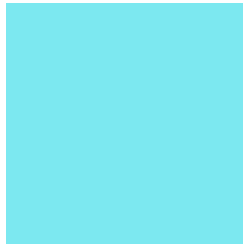
184, 0, 171



56, 0, 52

Previews

White Background



This preview shows how the RYB color 124, 180, 240 looks on a white background.

Color Contrast Check

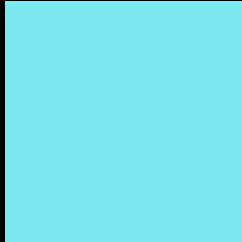
Large Text (above 18pt) WCAG AA × Fail

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, 180, 240 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](#).

R_YB 124, 180, 240 Background



This preview shows how black text looks on a background with the R_YB color 124, 180, 240.

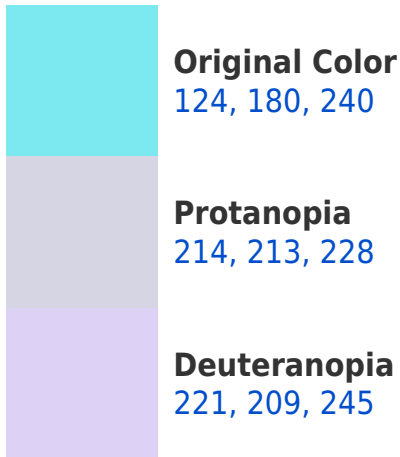



This preview shows how white text looks on a background with the R_YB color 124, 180, 240.

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
127, 183, 249

Trichromacy



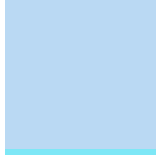
Original Color

124, 180, 240



Protanomaly

181, 203, 232



Deuteranomaly

186, 206, 243



Tritanomaly

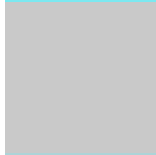
126, 182, 246

Monochromacy



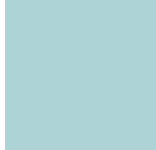
Original Color

124, 180, 240



Achromatopsia

201, 201, 201



Achromatomaly

173, 193, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 180, 240 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, 232, 240)` looks like.

```
.text, #text, p{  
    color:rgb(124, 232, 240)  
}
```

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, 232, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 232, 240) }
```

Border

The CSS property to change the border of an element to RYB 124, 180, 240 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, 232, 240) }
```

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

```
.border{ border-color:rgb(124, 232, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 232, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 232, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 232, 240);  
box-shadow:4px 4px 4px 4px rgb(124, 232,  
240) }
```

Background

The CSS property to change the background color of an element to RYB 124, 180, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 232, 240) }
```

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

```
.background{ background-color: rgb(124,  
232, 240) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor