

Converting Colors

`RYB(124, 249, 249)`

Have a look what the booklet for
RYB(124, 249, 249) contains.

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Color

RYB(124, 249, 249)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 7CF97C |
| RGB | 124, 249, 124 |
| RGB Percent | 49%, 98%, 49% |
| CMY | 0.5137, 0.0235, 0.5137 |
| CMYK | 0.50, 0.00, 0.50, 0.02 |
| HSL | 120°, 91%, 73% |
| HSV | 120°, 50%, 98% |
| XYZ | 45.8260, 73.4917, 30.8388 |
| YIQ | 197.3750, -34.3750, -65.3750 |

Conversions

Conversions Part 2

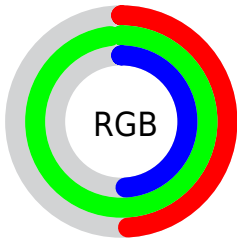
| Format | Color |
|-------------------------------------|--|
| RYB | 124, 249, 249 |
| Decimal | 8190332 |
| CIELab | 88.68, -59.15, 49.14 |
| CIELCh | 89, 76.898, 140.278 |
| Yxy | 73.4917, 0.3052, 0.4894 |
| Android (android.graphics.Color) | 4286380412 (0xFF7CF97C) |
| YUV | 197.3750, -36.1739, -64.3499 |
| Hunter-Lab | 85.7273, -54.6047, 38.6806 |

Details

The RYB color **124, 249, 249** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **249, 124, 249**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **179, 255, 250**, and **60, 182, 192** is the 20% darker color. If you saturate the color by 10%, you get **99, 249, 249**, and if you desaturate by 10%, it is **149, 249, 249**.

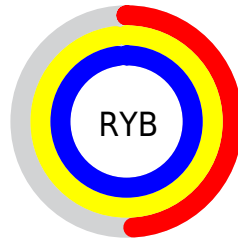
Distribution



Red (49%)

Green (98%)

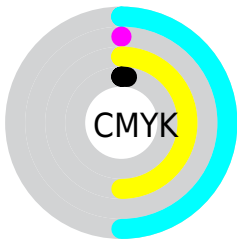
Blue (49%)



Red (49%)

Yellow (98%)

Blue (98%)

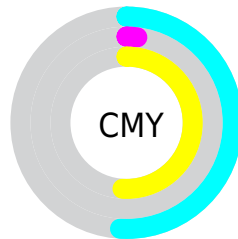


Cyan (50%)

Magenta (0%)

Yellow (50%)

Black (2%)



Cyan (51%)

Magenta (2%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 249, 249 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, 249, 249 by changing the saturation by 10% instead.

 124, 249, 249

255, 255, 255


 179, 255, 250

 207, 255, 248

 236, 255, 247

 124, 249, 249

 93, 216, 220

 60, 182, 192

 8, 134, 164

 0, 125, 137

 0, 110, 110

 0, 84, 84

 0, 60, 60

 0, 37, 37

 0, 0, 0

 124, 249, 249

 124, 249, 249

 99, 249, 249

 149, 249, 249

 74, 249, 249

 174, 249, 249

 49, 249, 249

 199, 249, 249

 24, 249, 249

 224, 249, 249

 0, 249, 249

 249, 249, 249

 255, 249, 255

Harmonies

Analogous

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



72, 234, 92



124, 249, 249



0, 145, 255

Triad

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



124, 249, 249



0, 123, 255



255, 158, 176

Complementary

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



124, 249, 249



249, 124, 249

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, 158, 250



124, 249, 249



182, 204, 255

Square

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



124, 249, 249



0, 127, 255



255, 182, 255



255, 251, 111

Rectangle

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



124, 249, 249



0, 130, 255



255, 182, 255



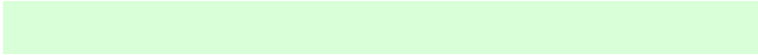
255, 155, 200

Sweetspot

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



124, 249, 249



217, 255, 255



124, 249, 124



105, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 249, 249



102, 255, 255



124, 207, 249



112, 125, 125



0, 189, 189



0, 61, 61

Inverse Universe

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



249, 124, 249



255, 102, 255



249, 124, 187



125, 112, 125



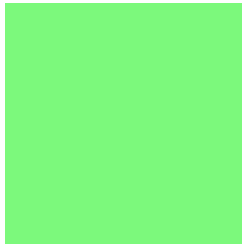
189, 0, 189



61, 0, 61

Previews

White Background



This preview shows how the RYB color 124, 249, 249 looks on a white background.

Color Contrast Check

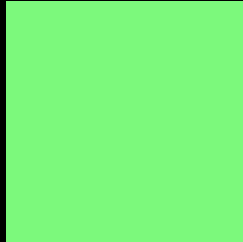
Large Text (above 18pt) WCAG AA × Fail

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, 249, 249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

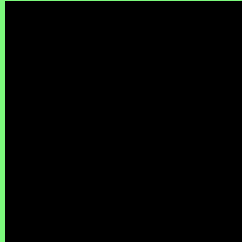
Any Text WCAG AA ✓ Pass

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, 249, 249 Background



This preview shows how black text looks on a background with the RYB color 124, 249, 249.

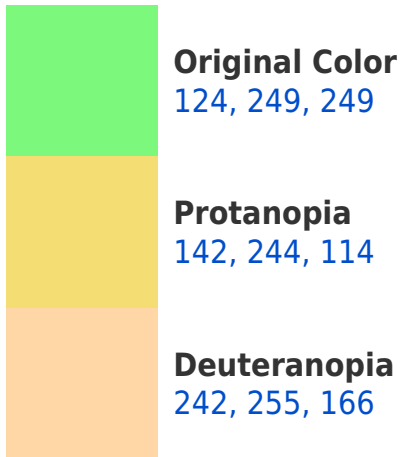



This preview shows how white text looks on a background with the RYB color 124, 249, 249.

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





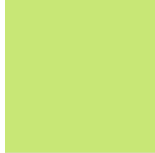
Tritanopia
152, 198, 254

Trichromacy



Original Color

124, 249, 249



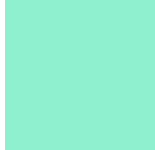
Protanomaly

118, 231, 149



Deuteranomaly

151, 227, 171



Tritanomaly

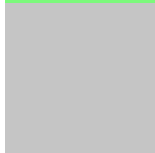
142, 201, 240

Monochromacy



Original Color

124, 249, 249



Achromatopsia

197, 197, 197



Achromatomaly

170, 216, 216

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 249, 249 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, 249, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 249, 124)  
}
```

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, 249, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 249, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 249, 249 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, 249, 124) }
```

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

```
.border{ border-color:rgb(124, 249, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 249, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 249, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 249, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 249,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 249, 249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 249, 124) }
```

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

```
.background{ background-color: rgb(124,  
249, 124) }
```

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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