

Converting Colors

`RYB(124, 224, 245)`

Have a look what the booklet for
RYB(124, 224, 245) contains.

RYB(124, 224, 245)	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

`RYB(124, 224, 245)`

Conversions

Conversions Part 1

Format	Color
Hex	7CF595
RGB	124, 245, 149
RGB Percent	49%, 96%, 58%
CMY	0.5137, 0.0392, 0.4141
CMYK	0.49, 0.00, 0.39, 0.04
HSL	133°, 86%, 72%
HSV	133°, 49%, 96%
XYZ	46.4222, 71.7729, 40.0126
YIQ	197.8770, -41.3000, -55.5080

Conversions

Conversions Part 2

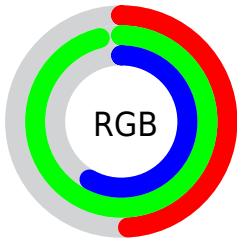
Format	Color
RYB	124, 224, 245
Decimal	8189333
CIELab	87.86, -53.91, 35.81
CIElCh	88, 64.720, 146.403
Yxy	71.7729, 0.2934, 0.4537
Android (android.graphics.Color)	4286379413 (0xFF7CF595)
YUV	197.8770, -24.0964, -64.7901
Hunter-Lab	84.7189, -50.4480, 31.3007

Details

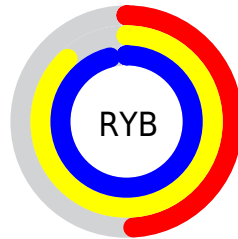
The RYB color **124, 224, 245** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **245, 124, 220**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **183, 239, 255**, and **62, 161, 188** is the 20% darker color. If you saturate the color by 10%, you get **100, 220, 245**, and if you desaturate by 10%, it is **148, 228, 245**.

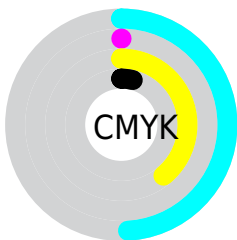
Distribution



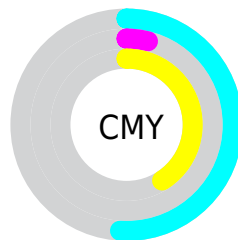
- Red (49%)
- Green (96%)
- Blue (58%)



- Red (49%)
- Yellow (88%)
- Blue (96%)



- Cyan (49%)
- Magenta (0%)
- Yellow (39%)
- Black (4%)



- Cyan (51%)
- Magenta (4%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 224, 245 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, 224, 245 by changing the saturation by 10% instead.

 124, 224, 245


255, 255, 255


 183, 239, 255


 212, 241, 255

 242, 249, 255

 124, 224, 245


 94, 193, 216

 62, 161, 188


 20, 122, 160

 0, 98, 133

 0, 88, 107

 0, 82, 82

 0, 57, 57

 0, 34, 34

 0, 0, 0

 124, 224, 245

 124, 224, 245

 100, 220, 245

 148, 228, 245

 75, 215, 245

 173, 233, 245

 51, 212, 245

 197, 237, 245

 26, 207, 245

 222, 241, 245

 2, 203, 245

 246, 245, 246

 0, 203, 245

 255, 245, 255

Harmonies

Analogous

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



105, 233, 137



124, 224, 245



0, 136, 251

Triad

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



124, 224, 245



73, 157, 255



255, 172, 169

Complementary

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



124, 224, 245



245, 124, 220

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, 168, 230



124, 224, 245



212, 207, 255

Square

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



124, 224, 245



0, 125, 255



255, 183, 255



236, 255, 119

Rectangle

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



124, 224, 245



0, 126, 253



255, 183, 255



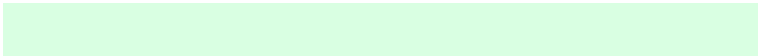
255, 168, 189

Sweetspot

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



124, 224, 245



217, 248, 255



124, 245, 148



105, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 224, 245



105, 229, 255



124, 195, 245



110, 120, 122



0, 154, 186



0, 49, 59

Inverse Universe

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



245, 124, 220



255, 105, 223



245, 124, 160



122, 110, 120



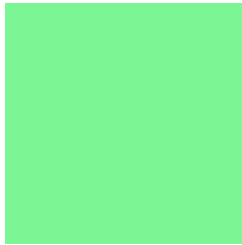
186, 0, 147



59, 0, 46

Previews

White Background



This preview shows how the RYB color 124, 224, 245 looks on a white background.

Color Contrast Check

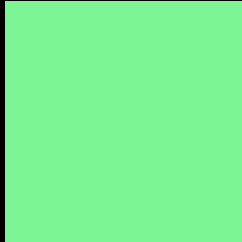
Large Text (above 18pt) WCAG AA × Fail

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, 224, 245 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, 224, 245 Background



This preview shows how black text looks on a background with the RYB color 124, 224, 245.

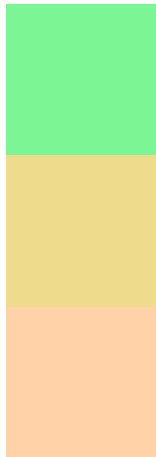


This preview shows how white text looks on a background with the RYB color 124, 224, 245.

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, 224, 245

Protanopia
163, 238, 139

Deuteranopia
255, 255, 167



Tritanopia
148, 195, 252

Trichromacy



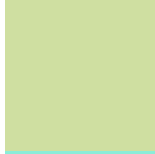
Original Color

124, 224, 245



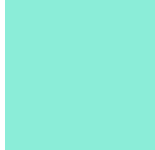
Protanomaly

143, 228, 174



Deuteranomaly

161, 223, 177



Tritanomaly

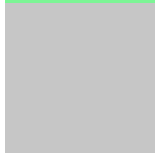
139, 194, 237

Monochromacy



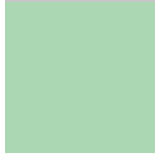
Original Color

124, 224, 245



Achromatopsia

198, 198, 198



Achromatomaly

171, 208, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 224, 245 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, 245, 149)` looks like.

```
.text, #text, p{  
    color:rgb(124, 245, 149)  
}
```

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, 245, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 245, 149) }
```

Border

The CSS property to change the border of an element to RYB 124, 224, 245 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, 245, 149) }
```

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

```
.border{ border-color:rgb(124, 245, 149) }
```

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

Here you see how a box with a 4 pixel rgb(124, 245, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 245, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 245, 149);  
box-shadow:4px 4px 4px 4px rgb(124, 245,  
149) }
```

Background

The CSS property to change the background color of an element to RYB 124, 224, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 245, 149) }
```

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

```
.background{ background-color: rgb(124,  
245, 149) }
```

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