

Converting Colors

`RYB(124, 227, 233)`

Have a look what the booklet for
RYB(124, 227, 233) contains.

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Color

R_YB(124, 227, 233)

Conversions

Conversions Part 1

Format	Color
Hex	7CE982
RGB	124, 233, 130
RGB Percent	49%, 91%, 51%
CMY	0.5137, 0.0863, 0.4888
CMYK	0.47, 0.00, 0.44, 0.09
HSL	123°, 71%, 70%
HSV	123°, 47%, 91%
XYZ	41.5039, 64.1840, 31.4436
YIQ	188.6670, -31.9010, -55.1410

Conversions

Conversions Part 2

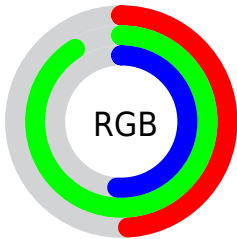
Format	Color
RYB	124, 227, 233
Decimal	8186242
CIELab	84.06, -51.97, 40.32
CIElCh	84, 65.776, 142.191
Yxy	64.1840, 0.3027, 0.4680
Android (android.graphics.Color)	4286376322 (0xFF7CE982)
YUV	188.6670, -28.9228, -56.7130
Hunter-Lab	80.1149, -47.7285, 32.8103

Details

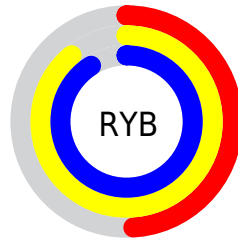
The RYB color **124, 227, 233** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **233, 124, 227**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **182, 253, 255**, and **64, 164, 176** is the 20% darker color. If you saturate the color by 10%, you get **101, 226, 233**, and if you desaturate by 10%, it is **147, 228, 233**.

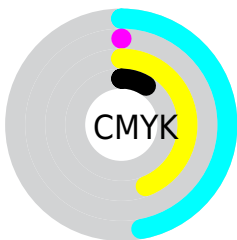
Distribution



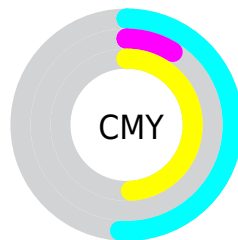
- Red (49%)
- Green (91%)
- Blue (51%)



- Red (49%)
- Yellow (89%)
- Blue (91%)



- Cyan (47%)
- Magenta (0%)
- Yellow (44%)
- Black (9%)



- Cyan (51%)
- Magenta (9%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 227, 233 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, 227, 233 by changing the saturation by 10% instead.

 124, 227, 233


255, 255, 255


 182, 252, 255


 211, 253, 255

 241, 255, 255

 124, 227, 233

 95, 196, 204

 64, 163, 176

 27, 127, 149

 0, 100, 123

 0, 97, 97

 0, 72, 72


 0, 49, 49

 0, 23, 23

 0, 0, 0

 124, 227, 233

 124, 227, 233

 101, 226, 233

 147, 228, 233

 77, 224, 233

 171, 230, 233


 54, 223, 233

 194, 231, 233

 31, 222, 233

 217, 232, 233

 8, 221, 233

 241, 233, 240

 0, 220, 233

 255, 233, 255

Harmonies

Analogous

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



88, 220, 109



124, 227, 233



0, 133, 239

Triad

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



124, 227, 233



0, 118, 255



255, 158, 166

Complementary

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



124, 227, 233



233, 124, 227

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, 157, 229



124, 227, 233



186, 198, 255

Square

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



124, 227, 233



0, 122, 255



255, 175, 255



255, 230, 113

Rectangle

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



124, 227, 233



0, 122, 241



255, 175, 255



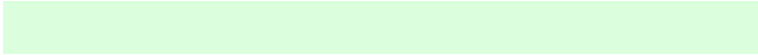
255, 155, 187

Sweetspot

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



124, 227, 233



219, 253, 255



124, 233, 129



106, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 227, 233



112, 247, 255



124, 194, 233



106, 117, 117



0, 171, 181



0, 51, 54

Inverse Universe

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



233, 124, 227



255, 112, 247



233, 124, 173



117, 106, 117



181, 0, 171



54, 0, 50

Previews

White Background



This preview shows how the RYB color 124, 227, 233 looks on a white background.

Color Contrast Check

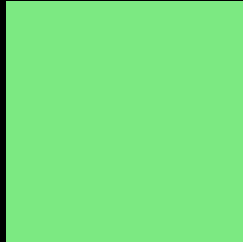
Large Text (above 18pt) WCAG AA × Fail

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, 227, 233 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, 227, 233 Background



This preview shows how black text looks on a background with the RYB color 124, 227, 233.

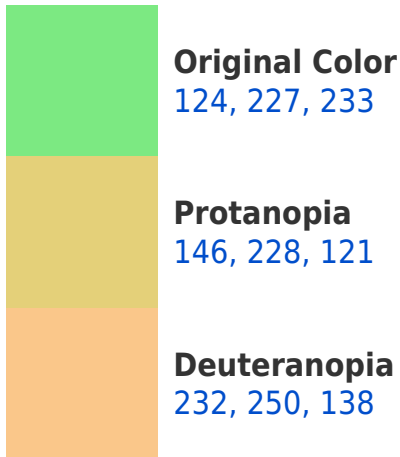


This preview shows how white text looks on a background with the RYB color 124, 227, 233.

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
147, 188, 238

Trichromacy



Original Color

124, 227, 233



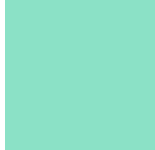
Protanomaly

124, 217, 151



Deuteranomaly

135, 211, 142



Tritanomaly

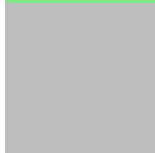
139, 190, 225

Monochromacy



Original Color

124, 227, 233



Achromatopsia

189, 189, 189



Achromatomaly

165, 202, 205

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 227, 233 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, 233, 130)` looks like.

```
.text, #text, p{  
    color:rgb(124, 233, 130)  
}
```

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, 233, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 233, 130) }
```

Border

The CSS property to change the border of an element to RYB 124, 227, 233 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, 233, 130) }
```

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

```
.border{ border-color:rgb(124, 233, 130) }
```

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

Here you see how a box with a 4 pixel rgb(124, 233, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 233, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 233, 130);  
box-shadow:4px 4px 4px 4px rgb(124, 233,  
130) }
```

Background

The CSS property to change the background color of an element to RYB 124, 227, 233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 233, 130) }
```

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

```
.background{ background-color: rgb(124,  
233, 130) }
```

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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