

Converting Colors

`RYB(127, 178, 254)`

Have a look what the booklet for
RYB(127, 178, 254) contains.

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Color

`RYB(127, 178, 254)`

Conversions

Conversions Part 1

Format	Color
Hex	7FD4FE
RGB	127, 212, 254
RGB Percent	50%, 83%, 100%
CMY	0.5020, 0.1678, 0.0039
CMYK	0.50, 0.16, 0.00, 0.00
HSL	200°, 98%, 75%
HSV	200°, 50%, 100%
XYZ	50.2412, 58.8667, 102.4803
YIQ	191.3730, -64.1420, -4.9580

Conversions

Conversions Part 2

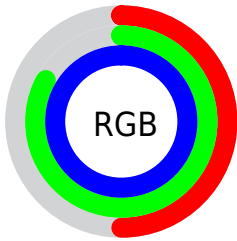
Format	Color
R _Y B	127, 178, 254
Decimal	8377598
CIE Lab	81.22, -14.77, -28.38
CIE LCh	81, 31.995, 242.510
Yxy	58.8667, 0.2374, 0.2782
Android (android.graphics.Color)	4286567678 (0xFF7FD4FE)
YUV	191.3730, 30.8751, -56.4551
Hunter-Lab	76.7246, -17.3817, -25.4859

Details

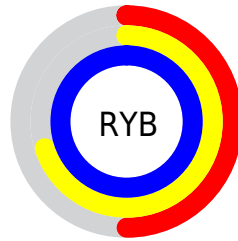
The RYB color **127, 178, 254** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **254, 190, 127**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **186, 221, 255**, and **65, 119, 197** is the 20% darker color. If you saturate the color by 10%, you get **102, 163, 254**, and if you desaturate by 10%, it is **152, 193, 254**.

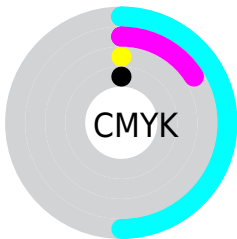
Distribution



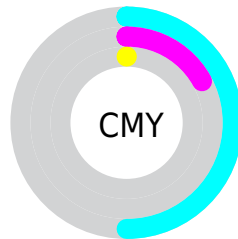
- Red (50%)
- Green (83%)
- Blue (100%)



- Red (50%)
- Yellow (70%)
- Blue (100%)



- Cyan (50%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the RYB color 127, 178, 254 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 127, 178, 254 by changing the saturation by 10% instead.

 127, 178, 254


255, 255, 255


 186, 221, 255

 216, 236, 255

 246, 251, 255

 127, 178, 254

 97, 149, 225

 65, 120, 197


 24, 86, 170

 0, 61, 143

 0, 48, 117

 0, 36, 93

 0, 24, 69

 0, 10, 47

 0, 1, 25

■ 127, 178, 254

■ 127, 178, 254

■ 102, 163, 254

■ 152, 193, 254

■ 76, 148, 254

■ 178, 209, 254

■ 51, 132, 254

■ 203, 223, 254

■ 25, 117, 254

■ 229, 239, 254

■ 0, 102, 254

254, 254, 254

254, 255, 254

Harmonies

Analogous

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



109, 167, 233



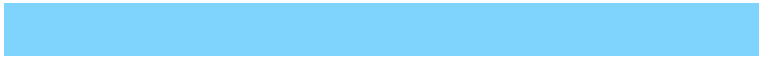
127, 178, 254



167, 193, 255

Triad

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



127, 178, 254



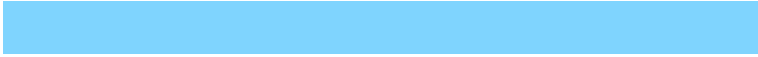
255, 180, 200



151, 210, 173

Complementary

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



127, 178, 254



254, 190, 127

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.



169, 221, 142



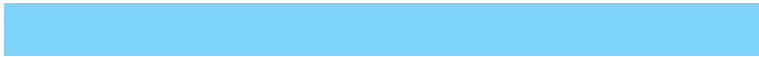
127, 178, 254



255, 184, 171

Square

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



127, 178, 254



242, 184, 230



246, 222, 150



154, 201, 216

Rectangle

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



127, 178, 254



196, 197, 255



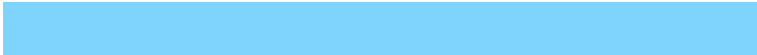
246, 222, 150



146, 207, 153

Sweetspot

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



127, 178, 254



217, 232, 255



127, 224, 254



105, 114, 128



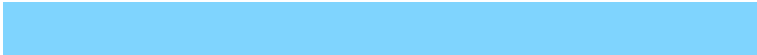
0, 0, 0



128, 128, 128

Same Dimension

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



127, 178, 254



102, 164, 255



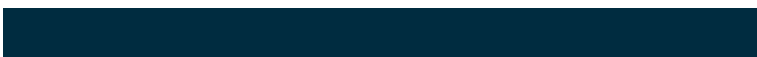
127, 146, 254



115, 120, 128



0, 77, 191



0, 26, 64

Inverse Universe

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



254, 127, 212



255, 102, 205



155, 254, 127



128, 115, 123



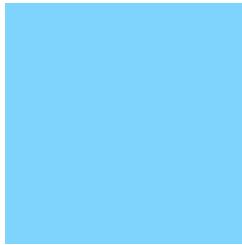
191, 0, 128



64, 0, 43

Previews

White Background



This preview shows how the RYB color 127, 178, 254 looks on a white background.

Color Contrast Check

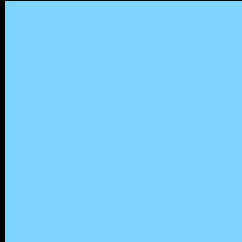
Large Text (above 18pt) WCAG AA × Fail

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 127, 178, 254 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

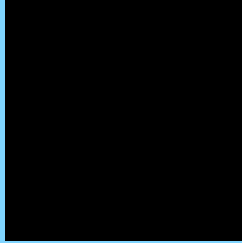
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

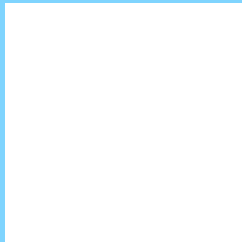
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 127, 178, 254 Background



This preview shows how black text looks on a background with the RYB color 127, 178, 254.



This preview shows how white text looks on a background with the RYB color 127, 178, 254.

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](#).

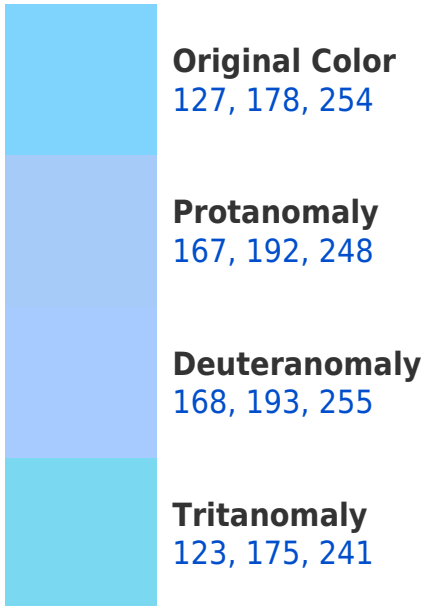
Dichromacy



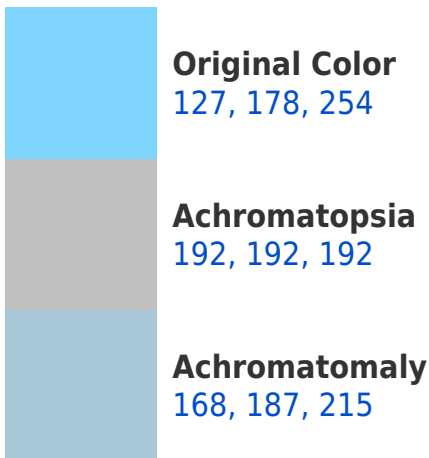


Tritanopia
120, 172, 233

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 178, 254 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(127, 212, 254)` looks like.

```
.text, #text, p{  
    color:rgb(127, 212, 254)  
}
```

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(127, 212, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 212, 254) }
```

Border

The CSS property to change the border of an element to RYB 127, 178, 254 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(127, 212, 254) }
```

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

```
.border{ border-color:rgb(127, 212, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 212, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 212, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 212, 254);  
box-shadow:4px 4px 4px 4px rgb(127, 212,  
254) }
```

Background

The CSS property to change the background color of an element to RYB 127, 178, 254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 212, 254) }
```

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

```
.background{ background-color: rgb(127,  
212, 254) }
```

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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