

Converting Colors

`RYB(127, 173, 239)`

Have a look what the booklet for RYB(127, 173, 239) contains.

RYB(127, 173, 239)	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

R_YB(127, 173, 239)

Conversions

Conversions Part 1

Format	Color
Hex	7FCDEF
RGB	127, 205, 239
RGB Percent	50%, 80%, 94%
CMY	0.5020, 0.1958, 0.0627
CMYK	0.47, 0.14, 0.00, 0.06
HSL	198°, 78%, 72%
HSV	198°, 47%, 94%
XYZ	46.1782, 54.4357, 89.7346
YIQ	185.5540, -57.4020, -5.9620

Conversions

Conversions Part 2

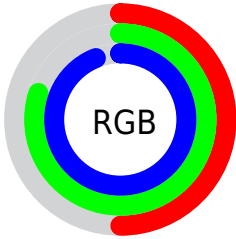
Format	Color
R _Y B	127, 173, 239
Decimal	8375791
CIE Lab	78.72, -15.19, -24.21
CIE LCh	79, 28.579, 237.904
Yxy	54.4357, 0.2426, 0.2860
Android (android.graphics.Color)	4286565871 (0xFF7FCDEF)
YUV	185.5540, 26.3489, -51.3519
Hunter-Lab	73.7805, -17.3953, -20.4643

Details

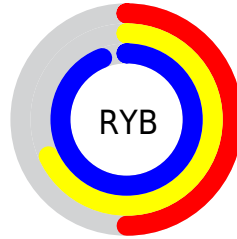
The RYB color **127, 173, 239** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **239, 176, 127**, and the grayscale version is **185, 185, 185**.

A 20% lighter version of the original color is **185, 220, 255**, and **68, 116, 183** is the 20% darker color. If you saturate the color by 10%, you get **103, 159, 239**, and if you desaturate by 10%, it is **151, 187, 239**.

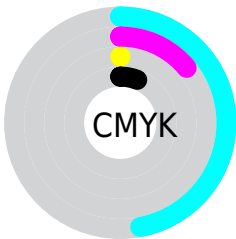
Distribution



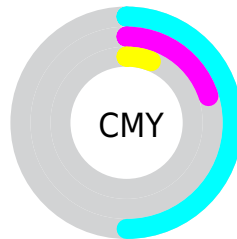
- Red (50%)
- Green (80%)
- Blue (94%)



- Red (50%)
- Yellow (68%)
- Blue (94%)



- Cyan (47%)
- Magenta (14%)
- Yellow (0%)
- Black (6%)



















- Cyan (50%)
- Magenta (20%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RYB color 127, 173, 239 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, 173, 239 by changing the saturation by 10% instead.


 127, 173, 239	 127, 173, 239
 255, 255, 255	 98, 145, 211
 185, 220, 255	 68, 116, 183
 214, 235, 255	 33, 86, 156
 244, 250, 255	 0, 57, 130
	 0, 44, 105
	 0, 32, 80
	 0, 20, 57
	 0, 2, 36
	 0, 0, 12

 127, 173, 239


 127, 173, 239

 103, 159, 239


 151, 187, 239

 79, 145, 239

 175, 201, 239

 55, 130, 239

 199, 215, 239

 31, 116, 239

 223, 230, 239

 7, 102, 239

 247, 242, 239

 0, 98, 239

 249, 255, 239

 239, 255, 239

Harmonies

Analogous

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



116, 165, 219



127, 173, 239



159, 186, 247

Triad

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



127, 173, 239



245, 176, 198



147, 201, 160

Complementary

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



127, 173, 239



239, 176, 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.



178, 216, 142



127, 173, 239



248, 178, 171

Square

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



127, 173, 239



227, 180, 223



238, 204, 151



157, 199, 207

Rectangle

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



127, 173, 239



184, 191, 245



238, 204, 151



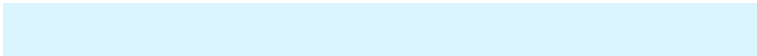
144, 198, 144

Sweetspot

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



127, 173, 239



219, 234, 255



127, 213, 239



106, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



127, 173, 239



112, 171, 255



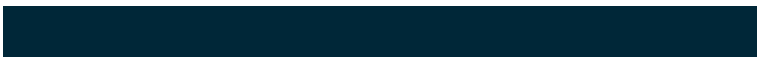
127, 145, 239



108, 113, 120



0, 75, 184



0, 23, 56

Inverse Universe

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



239, 127, 205



255, 112, 212



154, 239, 127



120, 108, 116



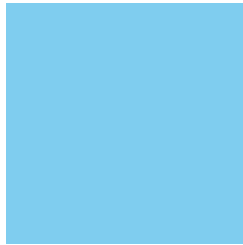
184, 0, 128



56, 0, 39

Previews

White Background



This preview shows how the RYB color 127, 173, 239 looks on a white background.

Color Contrast Check

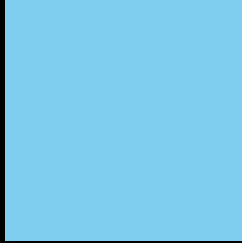
Large Text (above 18pt) WCAG AA × Fail

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, 173, 239 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, 173, 239 Background



This preview shows how black text looks on a background with the RYB color 127, 173, 239.

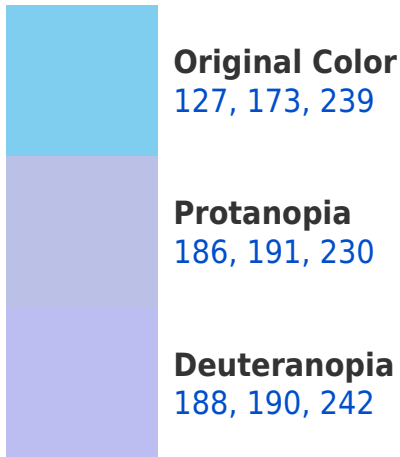


This preview shows how white text looks on a background with the RYB color 127, 173, 239.

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](#).

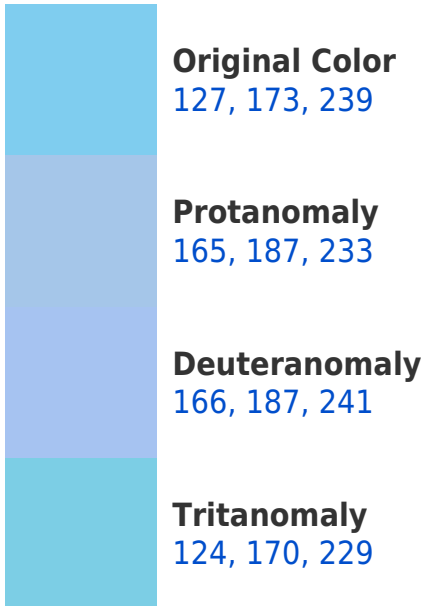
Dichromacy



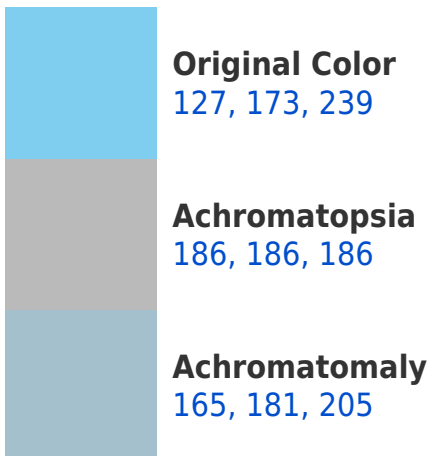


Tritanopia
122, 169, 224

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RYB 127, 173, 239 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, 205, 239)` looks like.

```
.text, #text, p{  
    color:rgb(127, 205, 239)  
}
```

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, 205, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 205, 239) }
```

Border

The CSS property to change the border of an element to RYB 127, 173, 239 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, 205, 239) }
```

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

```
.border{ border-color:rgb(127, 205, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 205, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 205, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 205, 239);  
box-shadow:4px 4px 4px 4px rgb(127, 205,  
239) }
```

Background

The CSS property to change the background color of an element to RYB 127, 173, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 205, 239) }
```

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

```
.background{ background-color: rgb(127,  
205, 239) }
```

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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