

Converting Colors

`RYB(88, 179, 248)`

Have a look what the booklet for RYB(88, 179, 248) contains.

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Color

`RYB(88, 179, 248)`

Conversions

Conversions Part 1

Format	Color
Hex	58F8D1
RGB	88, 248, 209
RGB Percent	35%, 97%, 82%
CMY	0.6549, 0.0275, 0.1791
CMYK	0.65, 0.00, 0.16, 0.03
HSL	165°, 92%, 66%
HSV	165°, 65%, 97%
XYZ	49.1400, 73.8288, 72.1891
YIQ	195.7140, -82.8410, -46.0490

Conversions

Conversions Part 2

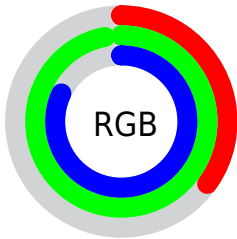
Format	Color
R _Y B	88, 179, 248
Decimal	5830865
CIE Lab	88.84, -50.60, 6.37
CIE LCh	89, 51.002, 172.829
Yxy	73.8288, 0.2518, 0.3783
Android (android.graphics.Color)	4284020945 (0xFF58F8D1)
YUV	195.7140, 6.5500, -94.4652
Hunter-Lab	85.9237, -48.2817, 10.3338

Details

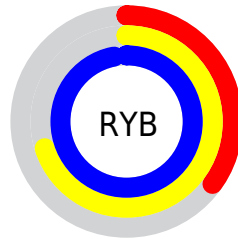
The RYB color **88, 179, 248** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **248, 88, 127**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **153, 204, 255**, and **0, 105, 191** is the 20% darker color. If you saturate the color by 10%, you get **63, 168, 248**, and if you desaturate by 10%, it is **113, 190, 248**.

Distribution



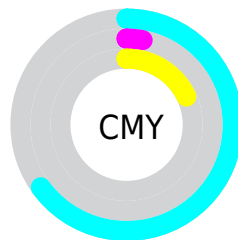
- Red (35%)
- Green (97%)
- Blue (82%)



- Red (35%)
- Yellow (70%)
- Blue (97%)



- Cyan (65%)
- Magenta (0%)
- Yellow (16%)
- Black (3%)



















- Cyan (65%)
- Magenta (3%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 88, 179, 248 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 88, 179, 248 by changing the saturation by 10% instead.

 88, 179, 248	 88, 179, 248
 255, 255, 255	 47, 143, 219
 153, 204, 255	 0, 105, 191
 184, 220, 255	 0, 91, 163
 215, 235, 255	 0, 77, 136
 246, 251, 255	 0, 64, 110
	 0, 50, 84
	 0, 38, 60
	 0, 27, 37
	 0, 0, 0

■ 88, 179, 248

■ 88, 179, 248

■ 63, 168, 248

■ 113, 190, 248

■ 38, 158, 248

■ 138, 201, 248

■ 14, 147, 248

■ 162, 211, 248

■ 0, 141, 248

■ 187, 222, 248

■ 212, 233, 248

■ 237, 243, 248

■ 255, 248, 251

■ 255, 248, 255

Harmonies

Analogous

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



160, 239, 242



88, 179, 248



0, 126, 255

Triad

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



88, 179, 248



211, 215, 255



255, 247, 147

Complementary

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



88, 179, 248



248, 88, 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.



255, 186, 188



88, 179, 248



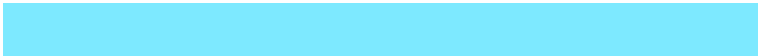
255, 197, 255

Square

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



88, 179, 248



125, 184, 255



255, 185, 237



182, 255, 126

Rectangle

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



88, 179, 248



0, 125, 255



255, 185, 237



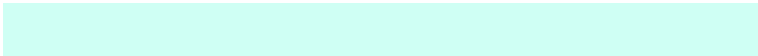
255, 214, 159

Sweetspot

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



88, 179, 248



207, 234, 255



88, 248, 208



98, 115, 128



0, 0, 0



128, 128, 128

Same Dimension

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



88, 179, 248



59, 170, 255



88, 157, 248



112, 119, 125



0, 108, 189



0, 35, 61

Inverse Universe

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



248, 88, 127



255, 59, 106



248, 141, 88



125, 112, 115



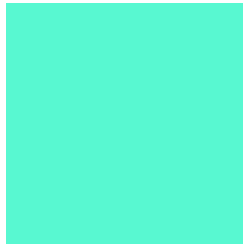
189, 0, 46



61, 0, 15

Previews

White Background



This preview shows how the RYB color 88, 179, 248 looks on a white background.

Color Contrast Check

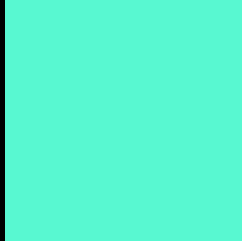
Large Text (above 18pt) WCAG AA × Fail

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 88, 179, 248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

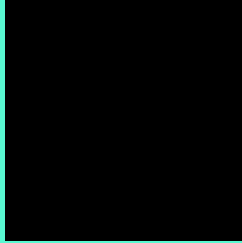
Any Text WCAG AA ✓ Pass

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 88, 179, 248 Background



This preview shows how black text looks on a background with the RYB color 88, 179, 248.

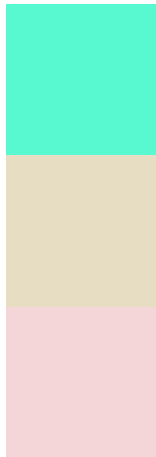


This preview shows how white text looks on a background with the RYB color 88, 179, 248.

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](#).

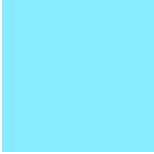
Dichromacy



Original Color
88, 179, 248

Protanopia
209, 231, 195

Deuteranopia
244, 214, 217



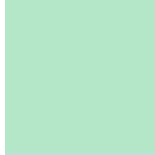
Tritanopia
133, 189, 255

Trichromacy



Original Color

88, 179, 248



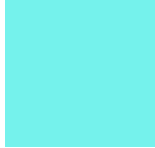
Protanomaly

179, 216, 231



Deuteranomaly

187, 210, 226



Tritanomaly

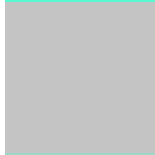
117, 181, 242

Monochromacy



Original Color

88, 179, 248



Achromatopsia

196, 196, 196



Achromatomaly

157, 190, 215

CSS Examples

Text

The CSS property to change the color of the text to RYB 88, 179, 248 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(88, 248, 209)` looks like.

```
.text, #text, p{  
    color:rgb(88, 248, 209)  
}
```

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(88, 248, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 248, 209) }
```

Border

The CSS property to change the border of an element to RYB 88, 179, 248 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(88, 248, 209) }
```

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

```
.border{ border-color:rgb(88, 248, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 248, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 248, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 248, 209);  
box-shadow:4px 4px 4px 4px rgb(88, 248,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 88, 179, 248 is called "background".

The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 248, 209) }
```

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

```
.background{ background-color: rgb(88, 248,  
209) }
```

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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