

Converting Colors

RGB(88, 249, 217)

Have a look what the booklet for
RGB(88, 249, 217) contains.

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Color

RGB(88, 249, 217)

Conversions

Conversions Part 1

Format	Color
Hex	58F9D9
RGB	88, 249, 217
RGB Percent	35%, 98%, 85%
CMY	0.6549, 0.0235, 0.1490
CMYK	0.65, 0.00, 0.13, 0.02
HSL	168°, 93%, 66%
HSV	168°, 65%, 98%
XYZ	50.4246, 74.8358, 77.4327
YIQ	197.2130, -85.6840, -44.0840

Conversions

Conversions Part 2

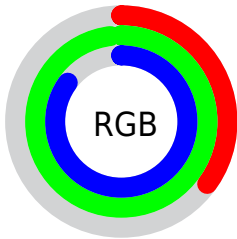
Format	Color
R _Y B	88, 177, 249
Decimal	5831129
CIE Lab	89.32, -49.18, 3.06
CIE LCh	89, 49.277, 176.440
Yxy	74.8358, 0.2488, 0.3692
Android (android.graphics.Color)	4284021209 (0xFF58F9D9)
YUV	197.2130, 9.7550, -95.7798
Hunter-Lab	86.5077, -47.3424, 7.4851

Details

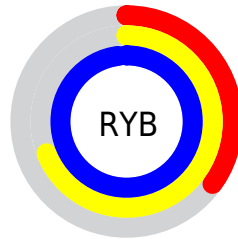
The RGB color **88, 249, 217** is a light color, and the websafe version is hex **66FFCC**. The color can be described as light muted cyan. A complement of this color would be **249, 88, 120**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **154, 255, 255**, and **0, 192, 162** is the 20% darker color. If you saturate the color by 10%, you get **63, 249, 212**, and if you desaturate by 10%, it is **113, 249, 222**.

Distribution



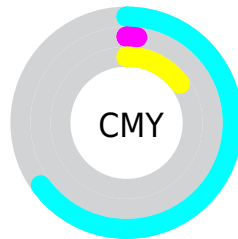
- Red (35%)
- Green (98%)
- Blue (85%)



- Red (35%)
- Yellow (69%)
- Blue (98%)



- Cyan (65%)
- Magenta (0%)
- Yellow (13%)
- Black (2%)



















- Cyan (65%)
- Magenta (2%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 88, 249, 217 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 RGB color 88, 249, 217 by changing the saturation by 10% instead.

 88, 249, 217	 88, 249, 217
 255, 255, 255	 47, 220, 189
 154, 255, 255	 0, 192, 162
 185, 255, 255	 0, 164, 136
 216, 255, 255	 0, 137, 111
 247, 255, 255	 0, 111, 86
	 0, 85, 63
	 0, 61, 41
	 0, 39, 21
	 0, 0, 0

 88, 249, 217

 88, 249, 217

 63, 249, 212

 113, 249, 222

 38, 249, 207

 138, 249, 227

 13, 249, 202

 163, 249, 232

 0, 249, 200

 188, 249, 237

 212, 249, 242

 237, 249, 247

 255, 249, 252

 255, 249, 255

Harmonies

Analogous

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



156, 244, 171



88, 249, 217



0, 249, 255

Triad

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



88, 249, 217



221, 214, 255



255, 203, 147

Complementary

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



88, 249, 217



249, 88, 120

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, 190, 185



88, 249, 217



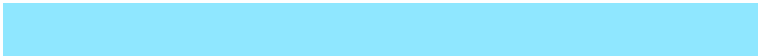
255, 198, 255

Square

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



88, 249, 217



143, 231, 255



255, 188, 232



255, 220, 130

Rectangle

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



88, 249, 217



0, 245, 255



255, 188, 232



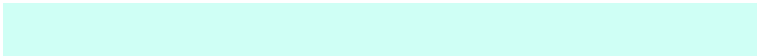
255, 198, 158

Sweetspot

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



88, 249, 217



207, 255, 245



120, 249, 88



98, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



88, 249, 217



56, 255, 215



88, 201, 249



112, 125, 122



0, 189, 151



0, 61, 49

Inverse Universe

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



249, 88, 120



255, 56, 96



249, 136, 88



125, 112, 115



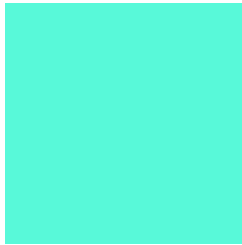
189, 0, 38



61, 0, 12

Previews

White Background



This preview shows how the RGB color 88, 249, 217 looks on a white background.

Color Contrast Check

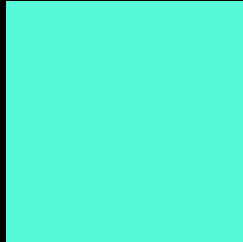
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 88, 249, 217 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](#).

RGB 88, 249, 217 Background



This preview shows how black text looks on a background with the RGB color 88, 249, 217.



This preview shows how white text looks on a background with the RGB color 88, 249, 217.

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



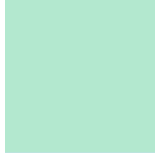


Tritanopia
140, 239, 255

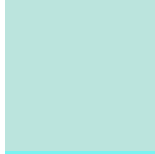
Trichromacy



Original Color
88, 249, 217



Protanomaly
179, 232, 207



Deuteranomaly
187, 228, 221

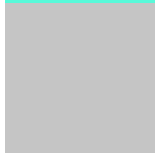


Tritanomaly
121, 243, 241

Monochromacy



Original Color
88, 249, 217



Achromatopsia
197, 197, 197



Achromatomaly
157, 216, 204

CSS Examples

Text

The CSS property to change the color of the text to RGB 88, 249, 217 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, 249, 217)` looks like.

```
.text, #text, p{  
    color:rgb(88, 249, 217)  
}
```

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, 249, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(88, 249, 217) }
```

Border

The CSS property to change the border of an element to RGB 88, 249, 217 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, 249, 217) }
```

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

```
.border{ border-color:rgb(88, 249, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(88, 249, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(88, 249, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(88, 249, 217);  
box-shadow:4px 4px 4px 4px rgb(88, 249,  
217) }
```

Background

The CSS property to change the background color of an element to RGB 88, 249, 217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(88, 249, 217) }
```

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

```
.background{ background-color: rgb(88, 249,  
217) }
```

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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