

Converting Colors

RGB(85, 184, 209)

Have a look what the booklet for
RGB(85, 184, 209) contains.

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Color

RGB(85, 184, 209)

Conversions

Conversions Part 1

Format	Color
Hex	55B8D1
RGB	85, 184, 209
RGB Percent	33%, 72%, 82%
CMY	0.6667, 0.2784, 0.1804
CMYK	0.59, 0.12, 0.00, 0.18
HSL	192°, 57%, 58%
HSV	192°, 59%, 82%
XYZ	32.3954, 40.8157, 66.4924
YIQ	157.2490, -67.0290, -13.2130

Conversions

Conversions Part 2

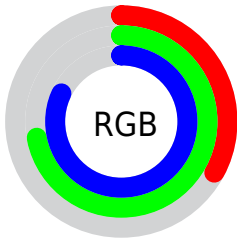
Format	Color
RYB	85, 140, 209
Decimal	5617873
CIELab	70.05, -21.63, -21.33
CIELCh	70, 30.373, 224.596
Yxy	40.8157, 0.2319, 0.2922
Android (android.graphics.Color)	4283807953 (0xFF55B8D1)
YUV	157.2490, 25.5132, -63.3624
Hunter-Lab	63.8872, -21.2902, -16.9867

Details

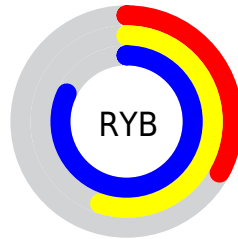
The RGB color **85, 184, 209** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted azure. A complement of this color would be **209, 110, 85**, and the grayscale version is **157, 157, 157**.

A 20% lighter version of the original color is **145, 240, 255**, and **0, 131, 155** is the 20% darker color. If you saturate the color by 10%, you get **64, 180, 209**, and if you desaturate by 10%, it is **106, 188, 209**.

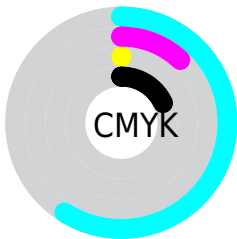
Distribution



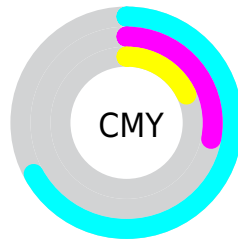
- Red (33%)
- Green (72%)
- Blue (82%)



- Red (33%)
- Yellow (55%)
- Blue (82%)



- Cyan (59%)
- Magenta (12%)
- Yellow (0%)
- Black (18%)



















- Cyan (67%)
- Magenta (28%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 85, 184, 209 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 85, 184, 209 by changing the saturation by 10% instead.

 85, 184, 209	 85, 184, 209
 255, 255, 255	 51, 157, 181
 145, 240, 255	 0, 131, 155
 174, 255, 255	 0, 105, 128
 204, 255, 255	 0, 81, 103
 234, 255, 255	 0, 58, 79
	 0, 36, 56
	 0, 3, 35
	 0, 0, 10
	 0, 0, 0

■ 85, 184, 209

■ 85, 184, 209

■ 64, 180, 209

■ 106, 188, 209

■ 43, 176, 209

■ 127, 192, 209

■ 22, 171, 209

■ 148, 197, 209

■ 1, 167, 209

■ 169, 201, 209

■ 0, 167, 209

■ 190, 205, 209

■ 210, 209, 209

■ 231, 213, 209

■ 252, 218, 209

■ 255, 222, 209

Harmonies

Analogous

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



87, 186, 184



85, 184, 209



114, 178, 224

Triad

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



85, 184, 209



217, 152, 187



177, 174, 117

Complementary

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



85, 184, 209



209, 110, 85

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.



203, 165, 118



85, 184, 209



226, 151, 159

Square

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



85, 184, 209



192, 159, 211



221, 156, 134



146, 181, 131

Rectangle

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



85, 184, 209



141, 172, 226



221, 156, 134



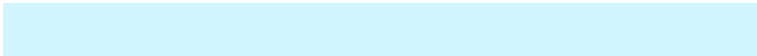
186, 171, 116

Sweetspot

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



85, 184, 209



209, 246, 255



85, 209, 110



99, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



85, 184, 209



74, 218, 255



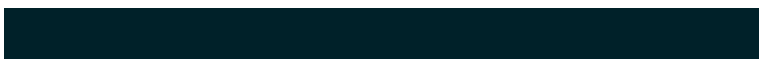
85, 122, 209



94, 102, 105



0, 134, 168



0, 33, 41

Inverse Universe

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



209, 85, 184



255, 74, 218



209, 172, 85



105, 94, 102



168, 0, 134



41, 0, 33

Previews

White Background



This preview shows how the RGB color 85, 184, 209 looks on a white background.

Color Contrast Check

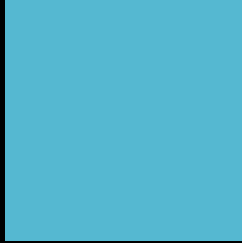
Large Text (above 18pt) WCAG AA × Fail

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 85, 184, 209 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 85, 184, 209 Background



This preview shows how black text looks on a background with the RGB color 85, 184, 209.



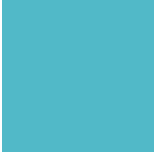
This preview shows how white text looks on a background with the RGB color 85, 184, 209.

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
81, 185, 200

Trichromacy



Original Color
85, 184, 209



Protanomaly
135, 174, 203



Deuteranomaly
136, 173, 212



Tritanomaly
82, 185, 203

Monochromacy



Original Color
85, 184, 209



Achromatopsia
157, 157, 157



Achromatomaly
131, 167, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 85, 184, 209 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(85, 184, 209)` looks like.

```
.text, #text, p{  
    color:rgb(85, 184, 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(85, 184, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 184, 209) }
```

Border

The CSS property to change the border of an element to RGB 85, 184, 209 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(85, 184, 209) }
```

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

```
.border{ border-color:rgb(85, 184, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 184, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 184, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 184, 209);  
box-shadow:4px 4px 4px 4px rgb(85, 184,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 85, 184, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 184, 209) }
```

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

```
.background{ background-color: rgb(85, 184,  
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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