

Converting Colors

RGB(84, 195, 227)

Have a look what the booklet for
RGB(84, 195, 227) contains.

RGB(84, 195, 227)	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

RGB(84, 195, 227)

Conversions

Conversions Part 1

Format	Color
Hex	54C3E3
RGB	84, 195, 227
RGB Percent	33%, 76%, 89%
CMY	0.6706, 0.2353, 0.1098
CMYK	0.63, 0.14, 0.00, 0.11
HSL	193°, 72%, 61%
HSV	193°, 63%, 89%
XYZ	37.0364, 46.4611, 79.6889
YIQ	165.4590, -76.4280, -13.5800

Conversions

Conversions Part 2

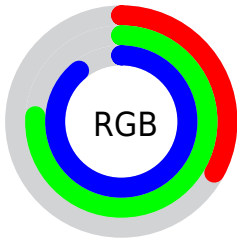
Format	Color
R _Y B	84, 146, 227
Decimal	5555171
CIE Lab	73.84, -22.06, -25.33
CIE LCh	74, 33.589, 228.957
Yxy	46.4611, 0.2270, 0.2847
Android (android.graphics.Color)	4283745251 (0xFF54C3E3)
YUV	165.4590, 30.3397, -71.4395
Hunter-Lab	68.1624, -22.2952, -21.6025

Details

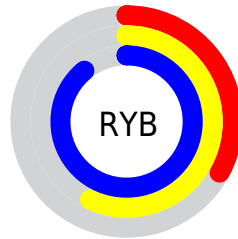
The RGB color **84, 195, 227** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **227, 116, 84**, and the grayscale version is **165, 165, 165**.

A 20% lighter version of the original color is **146, 252, 255**, and **0, 141, 172** is the 20% darker color. If you saturate the color by 10%, you get **61, 190, 227**, and if you desaturate by 10%, it is **107, 200, 227**.

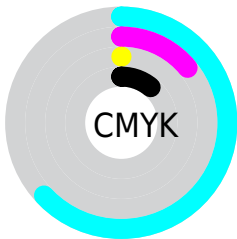
Distribution



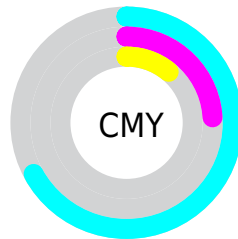
- Red (33%)
- Green (76%)
- Blue (89%)



- Red (33%)
- Yellow (57%)
- Blue (89%)



- Cyan (63%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



















- Cyan (67%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 84, 195, 227 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 84, 195, 227 by changing the saturation by 10% instead.

 84, 195, 227	 84, 195, 227
 255, 255, 255	 47, 168, 199
 146, 252, 255	 0, 141, 172
 177, 255, 255	 0, 115, 145
 207, 255, 255	 0, 91, 119
 237, 255, 255	 0, 67, 94
	 0, 44, 71
	 0, 24, 48
	 0, 1, 27
	 0, 0, 0

■ 84, 195, 227

■ 84, 195, 227

■ 61, 190, 227

■ 107, 200, 227

■ 39, 185, 227

■ 129, 205, 227

■ 16, 180, 227

■ 152, 210, 227

■ 0, 176, 227

■ 175, 215, 227

■ 197, 220, 227

■ 220, 225, 227

■ 243, 231, 227

■ 255, 236, 227

■ 255, 241, 227

Harmonies

Analogous

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



82, 198, 200



84, 195, 227



123, 188, 241

Triad

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



84, 195, 227



235, 159, 194



183, 186, 123

Complementary

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



84, 195, 227



227, 116, 84

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.



213, 176, 121



84, 195, 227



243, 159, 163

Square

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



84, 195, 227



209, 167, 222



235, 165, 136



148, 193, 140

Rectangle

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



84, 195, 227



154, 181, 242



235, 165, 136



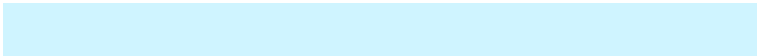
194, 183, 120

Sweetspot

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



84, 195, 227



207, 244, 255



84, 227, 115



98, 121, 128



0, 0, 0



128, 128, 128

Same Dimension

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



84, 195, 227



61, 212, 255



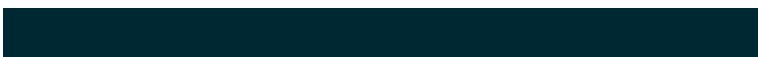
84, 125, 227



103, 112, 115



0, 139, 179



0, 40, 51

Inverse Universe

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



227, 84, 195



255, 61, 212



227, 186, 84



115, 103, 112



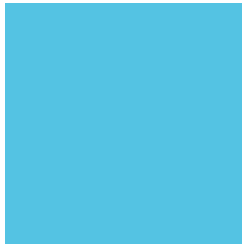
179, 0, 139



51, 0, 40

Previews

White Background



This preview shows how the RGB color 84, 195, 227 looks on a white background.

Color Contrast Check

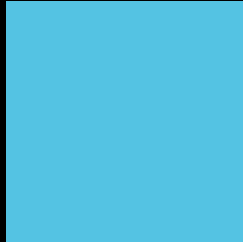
Large Text (above 18pt) WCAG AA × Fail

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 84, 195, 227 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 84, 195, 227 Background



This preview shows how black text looks on a background with the RGB color 84, 195, 227.

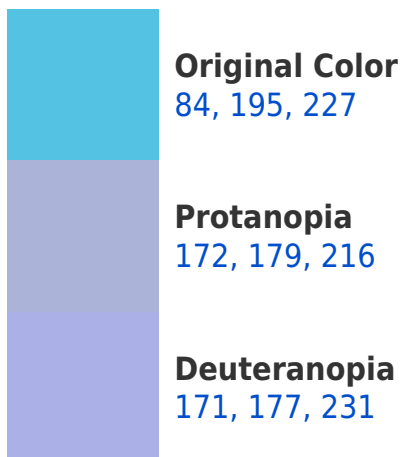


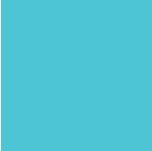
This preview shows how white text looks on a background with the RGB color 84, 195, 227.

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





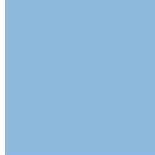
Tritanopia
77, 197, 213

Trichromacy



Original Color

84, 195, 227



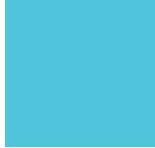
Protanomaly

140, 185, 220



Deuteranomaly

139, 184, 230



Tritanomaly

80, 196, 218

Monochromacy



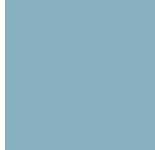
Original Color

84, 195, 227



Achromatopsia

165, 165, 165



Achromatomaly

136, 176, 188

CSS Examples

Text

The CSS property to change the color of the text to RGB 84, 195, 227 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(84, 195, 227)` looks like.

```
.text, #text, p{  
    color:rgb(84, 195, 227)  
}
```

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(84, 195, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 195, 227) }
```

Border

The CSS property to change the border of an element to RGB 84, 195, 227 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(84, 195, 227) }
```

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

```
.border{ border-color:rgb(84, 195, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 195, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 195, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 195, 227);  
box-shadow:4px 4px 4px 4px rgb(84, 195,  
227) }
```

Background

The CSS property to change the background color of an element to RGB 84, 195, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 195, 227) }
```

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

```
.background{ background-color: rgb(84, 195,  
227) }
```

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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