

Converting Colors

RGB(67, 201, 224)

Have a look what the booklet for
RGB(67, 201, 224) contains.

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Color

RGB(67, 201, 224)

Conversions

Conversions Part 1

Format	Color
Hex	43C9E0
RGB	67, 201, 224
RGB Percent	26%, 79%, 88%
CMY	0.7373, 0.2118, 0.1216
CMYK	0.70, 0.10, 0.00, 0.12
HSL	189°, 72%, 57%
HSV	189°, 70%, 88%
XYZ	36.6559, 48.3484, 77.9212
YIQ	163.5560, -87.2470, -21.2550

Conversions

Conversions Part 2

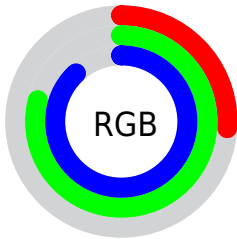
Format	Color
R _{YB}	67, 139, 224
Decimal	4442592
CIE Lab	75.04, -28.48, -21.92
CIE LCh	75, 35.943, 217.581
Yxy	48.3484, 0.2250, 0.2968
Android (android.graphics.Color)	4282632672 (0xFF43C9E0)
YUV	163.5560, 29.7989, -84.6796
Hunter-Lab	69.5330, -27.5824, -17.7694

Details

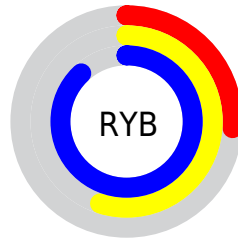
The RGB color **67, 201, 224** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **224, 90, 67**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **134, 255, 255**, and **0, 147, 169** is the 20% darker color. If you saturate the color by 10%, you get **45, 198, 224**, and if you desaturate by 10%, it is **89, 204, 224**.

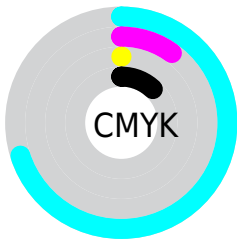
Distribution



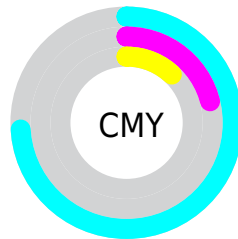
- Red (26%)
- Green (79%)
- Blue (88%)



- Red (26%)
- Yellow (55%)
- Blue (88%)



- Cyan (70%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)



















- Cyan (74%)
- Magenta (21%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 67, 201, 224 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 67, 201, 224 by changing the saturation by 10% instead.

 67, 201, 224	 67, 201, 224
 255, 255, 255	 10, 173, 196
 134, 255, 255	 0, 147, 169
 165, 255, 255	 0, 121, 142
 196, 255, 255	 0, 95, 117
 227, 255, 255	 0, 71, 92
	 0, 48, 68
	 0, 28, 46
	 0, 1, 25
	 0, 0, 0

■ 67, 201, 224

■ 67, 201, 224

■ 45, 198, 224

■ 89, 204, 224

■ 22, 194, 224

■ 112, 208, 224

■ 0, 191, 224

■ 134, 211, 224

■ 157, 214, 224

■ 179, 217, 224

■ 201, 221, 224

■ 224, 224, 224

■ 246, 227, 224

■ 255, 231, 224

Harmonies

Analogous

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



84, 203, 192



67, 201, 224



100, 195, 245

Triad

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



67, 201, 224



234, 163, 211



199, 185, 119

Complementary

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



67, 201, 224



224, 90, 67

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.



228, 174, 124



67, 201, 224



249, 159, 177

Square

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



67, 201, 224



200, 173, 237



247, 164, 146



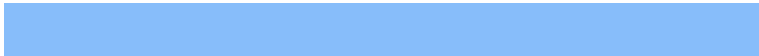
163, 195, 131

Rectangle

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



67, 201, 224



135, 189, 250



247, 164, 146



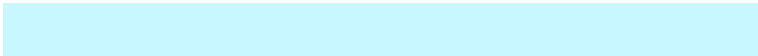
210, 182, 118

Sweetspot

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



67, 201, 224



201, 247, 255



67, 224, 88



96, 123, 128



0, 0, 0



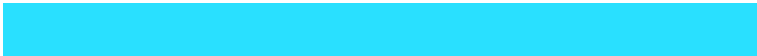
128, 128, 128

Same Dimension

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



67, 201, 224



41, 224, 255



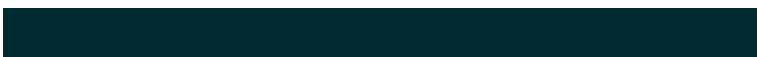
67, 125, 224



101, 111, 112



0, 150, 176



0, 41, 48

Inverse Universe

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



224, 67, 201



255, 41, 224



224, 166, 67



112, 101, 111



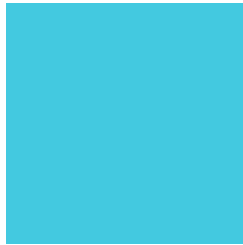
176, 0, 150



48, 0, 41

Previews

White Background



This preview shows how the RGB color 67, 201, 224 looks on a white background.

Color Contrast Check

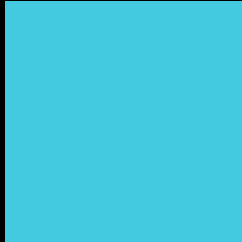
Large Text (above 18pt) WCAG AA × Fail

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 67, 201, 224 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 67, 201, 224 Background



This preview shows how black text looks on a background with the RGB color 67, 201, 224.



This preview shows how white text looks on a background with the RGB color 67, 201, 224.

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
63, 202, 218

Trichromacy



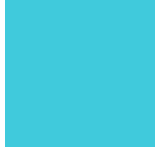
Original Color
67, 201, 224



Protanomaly
138, 189, 216



Deuteranomaly
138, 188, 227



Tritanomaly
64, 202, 220

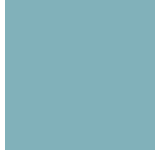
Monochromacy



Original Color
67, 201, 224



Achromatopsia
164, 164, 164



Achromatomaly
129, 177, 186

CSS Examples

Text

The CSS property to change the color of the text to RGB 67, 201, 224 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(67, 201, 224)` looks like.

```
.text, #text, p{  
    color:rgb(67, 201, 224)  
}
```

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(67, 201, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 201, 224) }
```

Border

The CSS property to change the border of an element to RGB 67, 201, 224 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(67, 201, 224) }
```

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

```
.border{ border-color:rgb(67, 201, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 201, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 201, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 201, 224);  
box-shadow:4px 4px 4px 4px rgb(67, 201,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 67, 201, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 201, 224) }
```

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

```
.background{ background-color: rgb(67, 201,  
224) }
```

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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