

Converting Colors

RGB(73, 199, 215)

Have a look what the booklet for
RGB(73, 199, 215) contains.

RGB(73, 199, 215)	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(73, 199, 215)

Conversions

Conversions Part 1

Format	Color
Hex	49C7D7
RGB	73, 199, 215
RGB Percent	29%, 78%, 84%
CMY	0.7137, 0.2196, 0.1569
CMYK	0.66, 0.07, 0.00, 0.16
HSL	187°, 64%, 56%
HSV	187°, 66%, 84%
XYZ	35.4368, 47.1696, 71.5269
YIQ	163.1500, -80.2320, -21.7360

Conversions

Conversions Part 2

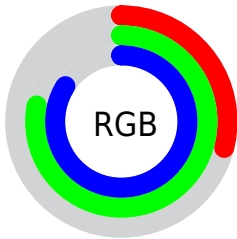
Format	Color
RYB	73, 140, 215
Decimal	4835287
CIELab	74.30, -29.35, -18.17
CIELCh	74, 34.520, 211.767
Yxy	47.1696, 0.2299, 0.3060
Android (android.graphics.Color)	4283025367 (0xFF49C7D7)
YUV	163.1500, 25.5621, -79.0615
Hunter-Lab	68.6801, -28.0898, -13.6715

Details

The RGB color **73, 199, 215** 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 **215, 89, 73**, and the grayscale version is **163, 163, 163**.

A 20% lighter version of the original color is **137, 255, 255**, and **0, 145, 160** is the 20% darker color. If you saturate the color by 10%, you get **52, 197, 215**, and if you desaturate by 10%, it is **94, 201, 215**.

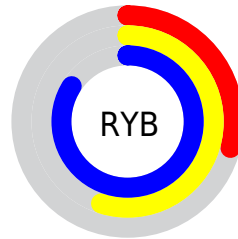
Distribution



Red (29%)

Green (78%)

Blue (84%)



Red (29%)

Yellow (55%)

Blue (84%)

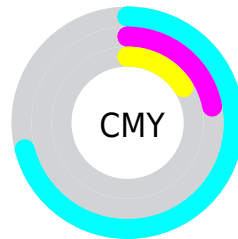


Cyan (66%)

Magenta (7%)

Yellow (0%)

Black (16%)



Cyan (71%)

















Magenta (22%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 73, 199, 215 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 73, 199, 215 by changing the saturation by 10% instead.

 73, 199, 215	 73, 199, 215
 255, 255, 255	 29, 171, 187
 137, 255, 255	 0, 145, 160
 168, 255, 255	 0, 119, 134
 198, 255, 255	 0, 94, 109
 229, 255, 255	 0, 69, 84
	 0, 46, 61
	 0, 25, 39
	 0, 1, 18
	 0, 0, 0

■ 73, 199, 215

■ 73, 199, 215

■ 52, 197, 215

■ 94, 201, 215

■ 30, 194, 215

■ 116, 204, 215

■ 8, 192, 215

■ 138, 206, 215

■ 0, 191, 215

■ 159, 209, 215

■ 181, 211, 215

■ 202, 214, 215

■ 224, 216, 215

■ 245, 218, 215

■ 255, 221, 215

Harmonies

Analogous

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



95, 200, 184



73, 199, 215



95, 194, 238

Triad

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



73, 199, 215



225, 164, 213



203, 181, 119

Complementary

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



73, 199, 215



215, 89, 73

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.



229, 170, 128



73, 199, 215



243, 159, 182

Square

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



73, 199, 215



189, 174, 237



244, 162, 151



169, 191, 128

Rectangle

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



73, 199, 215



126, 188, 245



244, 162, 151



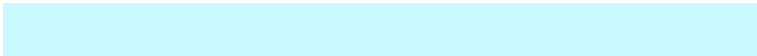
213, 178, 120

Sweetspot

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



73, 199, 215



204, 249, 255



73, 215, 87



97, 124, 128



0, 0, 0



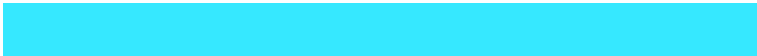
128, 128, 128

Same Dimension

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



73, 199, 215



54, 232, 255



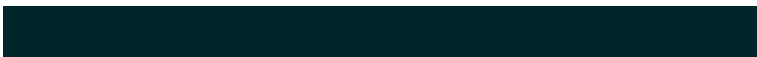
73, 130, 215



96, 106, 107



0, 152, 171



0, 38, 43

Inverse Universe

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



215, 73, 199



255, 54, 232



215, 158, 73



107, 96, 106



171, 0, 152



43, 0, 38

Previews

White Background



This preview shows how the RGB color 73, 199, 215 looks on a white background.

Color Contrast Check

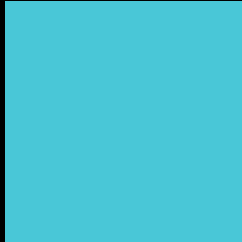
Large Text (above 18pt) WCAG AA × Fail

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 73, 199, 215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

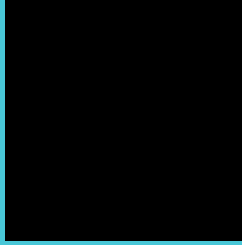
Any Text WCAG AA ✓ Pass

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 73, 199, 215 Background



This preview shows how black text looks on a background with the RGB color 73, 199, 215.

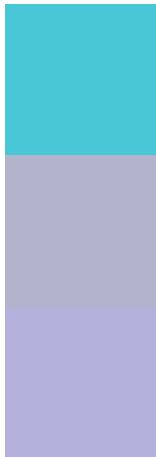


This preview shows how white text looks on a background with the RGB color 73, 199, 215.

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
73, 199, 215

Protanopia
178, 180, 203

Deuteranopia
180, 177, 220



Tritanopia
73, 199, 215

Trichromacy



Original Color

73, 199, 215



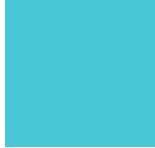
Protanomaly

140, 187, 207



Deuteranomaly

141, 185, 218



Tritanomaly

73, 199, 215

Monochromacy



Original Color

73, 199, 215



Achromatopsia

163, 163, 163



Achromatomaly

130, 176, 182

CSS Examples

Text

The CSS property to change the color of the text to RGB 73, 199, 215 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(73, 199, 215)` looks like.

```
.text, #text, p{  
    color:rgb(73, 199, 215)  
}
```

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(73, 199, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 199, 215) }
```

Border

The CSS property to change the border of an element to RGB 73, 199, 215 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(73, 199, 215) }
```

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

```
.border{ border-color:rgb(73, 199, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 199, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 199, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 199, 215);  
box-shadow:4px 4px 4px 4px rgb(73, 199,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 73, 199, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 199, 215) }
```

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

```
.background{ background-color: rgb(73, 199,  
215) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor