

Converting Colors

RGB(50, 213, 231)

Have a look what the booklet for
RGB(50, 213, 231) contains.

RGB(50, 213, 231)	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(50, 213, 231)

Conversions

Conversions Part 1

Format	Color
Hex	32D5E7
RGB	50, 213, 231
RGB Percent	20%, 84%, 91%
CMY	0.8039, 0.1647, 0.0941
CMYK	0.78, 0.08, 0.00, 0.09
HSL	186°, 79%, 55%
HSV	186°, 78%, 91%
XYZ	39.5334, 54.0361, 83.9477
YIQ	166.3150, -102.9260, -28.9580

Conversions

Conversions Part 2

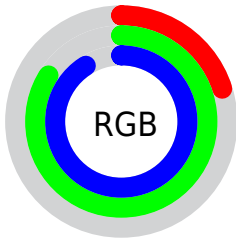
Format	Color
RYB	50, 136, 231
Decimal	3331559
CIELab	78.48, -34.02, -20.49
CIElCh	78, 39.715, 211.059
Yxy	54.0361, 0.2227, 0.3044
Android (android.graphics.Color)	4281521639 (0xFF32D5E7)
YUV	166.3150, 31.8897, -102.0083
Hunter-Lab	73.5093, -32.6435, -16.2528

Details

The RGB color **50, 213, 231** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **231, 68, 50**, and the grayscale version is **166, 166, 166**.

A 20% lighter version of the original color is **126, 255, 255**, and **0, 158, 175** is the 20% darker color. If you saturate the color by 10%, you get **27, 211, 231**, and if you desaturate by 10%, it is **73, 215, 231**.

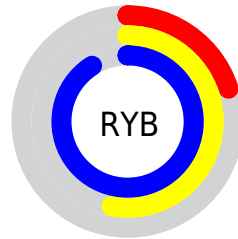
Distribution



Red (20%)

Green (84%)

Blue (91%)



Red (20%)

Yellow (53%)

Blue (91%)

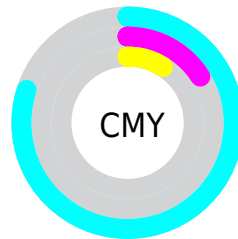


Cyan (78%)

Magenta (8%)

Yellow (0%)

Black (9%)



Cyan (80%)


















Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 50, 213, 231 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 50, 213, 231 by changing the saturation by 10% instead.

 50, 213, 231	 50, 213, 231
 255, 255, 255	 0, 185, 203
 126, 255, 255	 0, 158, 175
 159, 255, 255	 0, 131, 149
 190, 255, 255	 0, 106, 123
 222, 255, 255	 0, 81, 98
 253, 255, 255	 0, 57, 74
	 0, 37, 51
	 0, 2, 31
	 0, 0, 2

■ 50, 213, 231

■ 50, 213, 231

■ 27, 211, 231

■ 73, 215, 231

■ 4, 208, 231

■ 96, 218, 231

■ 0, 208, 231

■ 119, 220, 231

■ 142, 222, 231

■ 166, 224, 231

■ 189, 227, 231

■ 212, 229, 231

■ 235, 231, 231

■ 255, 234, 231

Harmonies

Analogous

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



87, 214, 194



50, 213, 231



82, 207, 255

Triad

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



50, 213, 231



242, 172, 231



218, 192, 120

Complementary

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



50, 213, 231



231, 68, 50

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.



248, 180, 131



50, 213, 231



255, 166, 194

Square

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



50, 213, 231



200, 184, 255



255, 169, 158



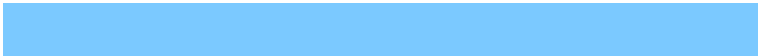
179, 203, 130

Rectangle

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



50, 213, 231



123, 201, 255



255, 169, 158



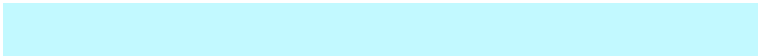
229, 188, 121

Sweetspot

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



50, 213, 231



194, 249, 255



50, 231, 65



91, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



50, 213, 231



15, 231, 255



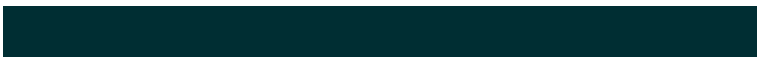
50, 125, 231



103, 114, 115



0, 161, 179



0, 46, 51

Inverse Universe

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



231, 50, 213



255, 15, 231



231, 156, 50



115, 103, 114



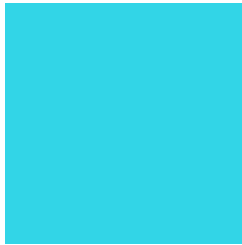
179, 0, 161



51, 0, 46

Previews

White Background



This preview shows how the RGB color 50, 213, 231 looks on a white background.

Color Contrast Check

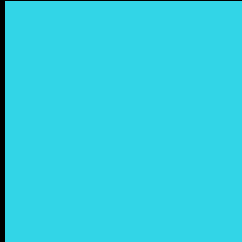
Large Text (above 18pt) WCAG AA × Fail

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 50, 213, 231 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 50, 213, 231 Background



This preview shows how black text looks on a background with the RGB color 50, 213, 231.

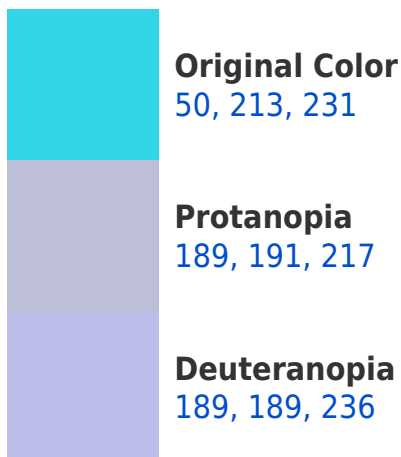


This preview shows how white text looks on a background with the RGB color 50, 213, 231.

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



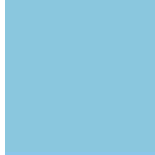


Tritanopia
49, 213, 230

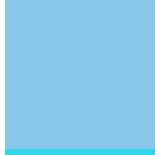
Trichromacy



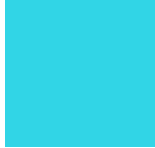
Original Color
50, 213, 231



Protanomaly
138, 199, 222



Deuteranomaly
138, 198, 234

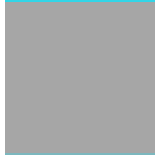


Tritanomaly
49, 213, 230

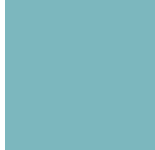
Monochromacy



Original Color
50, 213, 231



Achromatopsia
166, 166, 166



Achromatomaly
124, 183, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 50, 213, 231 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(50, 213, 231)` looks like.

```
.text, #text, p{  
    color:rgb(50, 213, 231)  
}
```

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(50, 213, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 213, 231) }
```

Border

The CSS property to change the border of an element to RGB 50, 213, 231 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(50, 213, 231) }
```

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

```
.border{ border-color:rgb(50, 213, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 213, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 213, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 213, 231);  
box-shadow:4px 4px 4px 4px rgb(50, 213,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 50, 213, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 213, 231) }
```

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

```
.background{ background-color: rgb(50, 213,  
231) }
```

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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