

Converting Colors

RGB(0, 214, 229)

Have a look what the booklet for
RGB(0, 214, 229) contains.

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Color

RGB(0, 214, 229)

Conversions

Conversions Part 1

Format	Color
Hex	00D6E5
RGB	0, 214, 229
RGB Percent	0%, 84%, 90%
CMY	1.0000, 0.1608, 0.1020
CMYK	1.00, 0.07, 0.00, 0.10
HSL	184°, 100%, 45%
HSV	184°, 100%, 90%
XYZ	38.1894, 53.7503, 82.4908
YIQ	151.7240, -132.3590, -40.7030

Conversions

Conversions Part 2

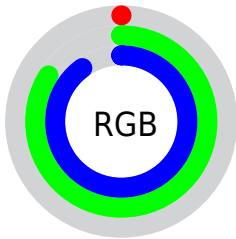
Format	Color
RYB	0, 111, 229
Decimal	55013
CIELab	78.32, -37.58, -19.71
CIELCh	78, 42.436, 207.677
Yxy	53.7503, 0.2189, 0.3081
Android (android.graphics.Color)	4278245093 (0xFF00D6E5)
YUV	151.7240, 38.0971, -133.0619
Hunter-Lab	73.3146, -35.3202, -15.3907

Details

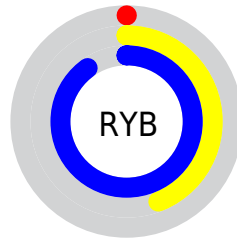
The RGB color **0, 214, 229** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **229, 15, 0**, and the grayscale version is **151, 151, 151**.

A 20% lighter version of the original color is **112, 255, 255**, and **0, 159, 174** is the 20% darker color. If you saturate the color by 10%, you get **0, 214, 229**, and if you desaturate by 10%, it is **23, 215, 229**.

Distribution



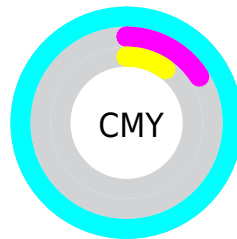
- Red (0%)
- Green (84%)
- Blue (90%)



- Red (0%)
- Yellow (44%)
- Blue (90%)



- Cyan (100%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)




















- Cyan (100%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the RGB color 0, 214, 229 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 0, 214, 229 by changing the saturation by 10% instead.

 0, 214, 229	 0, 214, 229
 255, 255, 255	 0, 186, 201
 112, 255, 255	 0, 159, 174
 146, 255, 255	 0, 132, 147
 178, 255, 255	 0, 106, 121
 210, 255, 255	 0, 81, 96
 242, 255, 255	 0, 57, 73
	 0, 37, 50
	 0, 2, 29
	 0, 0, 0

■ 0, 214, 229

■ 23, 215, 229

■ 46, 217, 229

■ 69, 218, 229

■ 92, 220, 229

■ 115, 221, 229

■ 137, 223, 229

■ 160, 225, 229

■ 183, 226, 229

■ 206, 227, 229

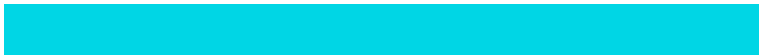
Harmonies

Analogous

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



80, 215, 189



0, 214, 229



54, 209, 255

Triad

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



0, 214, 229



240, 171, 236



222, 190, 114

Complementary

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



0, 214, 229



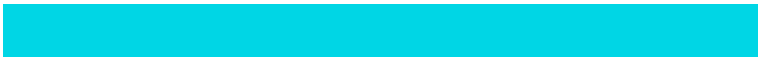
229, 15, 0

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.



253, 177, 128



0, 214, 229



255, 163, 198

Square

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



0, 214, 229



194, 185, 255



255, 166, 159



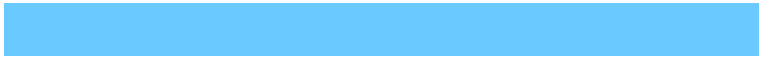
182, 202, 122

Rectangle

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



0, 214, 229



106, 202, 255



255, 166, 159



234, 186, 117

Sweetspot

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



0, 214, 229



179, 250, 255



0, 229, 11



82, 124, 128



0, 0, 0



128, 128, 128

Same Dimension

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



0, 214, 229



0, 238, 255



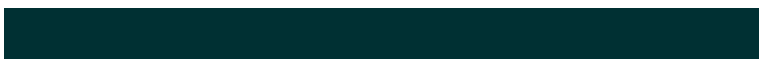
0, 103, 229



103, 114, 115



0, 167, 179



0, 48, 51

Inverse Universe

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



229, 0, 214



255, 0, 238



229, 126, 0



115, 103, 114



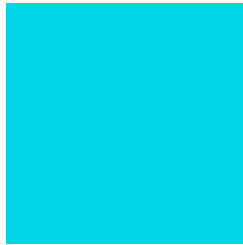
179, 0, 167



51, 0, 48

Previews

White Background



This preview shows how the RGB color 0, 214, 229 looks on a white background.

Color Contrast Check

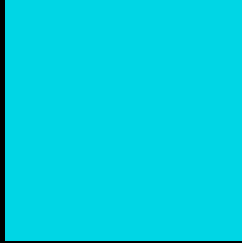
Large Text (above 18pt) WCAG AA × Fail

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 0, 214, 229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

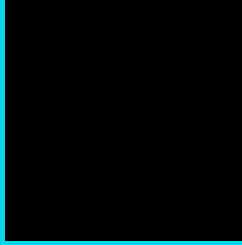
Any Text WCAG AA ✓ Pass

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 0, 214, 229 Background



This preview shows how black text looks on a background with the RGB color 0, 214, 229.

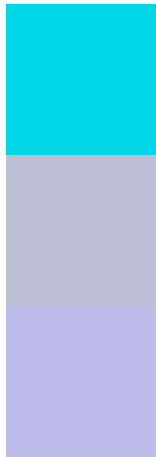


This preview shows how white text looks on a background with the RGB color 0, 214, 229.

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](#).

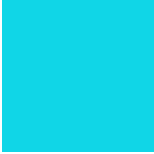
Dichromacy



Original Color
0, 214, 229

Protanopia
189, 191, 214

Deuteranopia
190, 188, 235



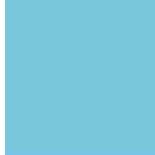
Tritanopia
16, 214, 231

Trichromacy



Original Color

0, 214, 229



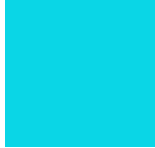
Protanomaly

120, 199, 219



Deuteranomaly

121, 197, 233



Tritanomaly

10, 214, 230

Monochromacy



Original Color

0, 214, 229



Achromatopsia

152, 152, 152



Achromatomaly

97, 175, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 0, 214, 229 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(0, 214, 229)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 229)  
}
```

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(0, 214, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 229) }
```

Border

The CSS property to change the border of an element to RGB 0, 214, 229 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(0, 214, 229) }
```

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

```
.border{ border-color:rgb(0, 214, 229) }
```

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

Here you see how a box with a 4 pixel rgb(0, 214, 229) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 229);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
229) }
```

Background

The CSS property to change the background color of an element to RGB 0, 214, 229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 229) }
```

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

```
.background{ background-color: rgb(0, 214,  
229) }
```

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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