

Converting Colors

RGB(29, 204, 226)

Have a look what the booklet for
RGB(29, 204, 226) contains.

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Color

RGB(29, 204, 226)

Conversions

Conversions Part 1

Format	Color
Hex	1DCCE2
RGB	29, 204, 226
RGB Percent	11%, 80%, 89%
CMY	0.8863, 0.2000, 0.1137
CMYK	0.87, 0.10, 0.00, 0.11
HSL	187°, 77%, 50%
HSV	187°, 87%, 89%
XYZ	35.8270, 48.9379, 79.5092
YIQ	154.1830, -111.3620, -30.2580

Conversions

Conversions Part 2

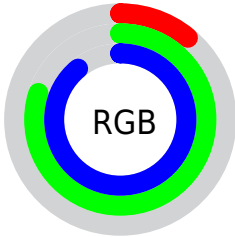
Format	Color
RYB	29, 122, 226
Decimal	1952994
CIELab	75.41, -32.84, -22.49
CIELCh	75, 39.802, 214.410
Yxy	48.9379, 0.2181, 0.2979
Android (android.graphics.Color)	4280143074 (0xFF1DCCE2)
YUV	154.1830, 35.4058, -109.7855
Hunter-Lab	69.9556, -31.0055, -18.4180

Details

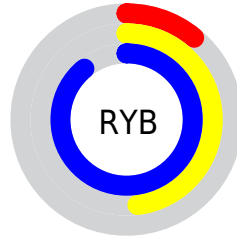
The RGB color **29, 204, 226** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **226, 51, 29**, and the grayscale version is **154, 154, 154**.

A 20% lighter version of the original color is **116, 255, 255**, and **0, 149, 171** is the 20% darker color. If you saturate the color by 10%, you get **6, 201, 226**, and if you desaturate by 10%, it is **52, 207, 226**.

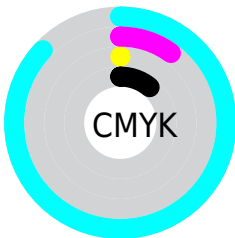
Distribution



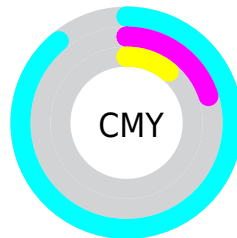
- Red (11%)
- Green (80%)
- Blue (89%)



- Red (11%)
- Yellow (48%)
- Blue (89%)



- Cyan (87%)
- Magenta (10%)
- Yellow (0%)
- Black (11%)




















- Cyan (89%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 29, 204, 226 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 29, 204, 226 by changing the saturation by 10% instead.

 29, 204, 226	 29, 204, 226
 255, 255, 255	 0, 176, 198
 116, 255, 255	 0, 149, 171
 149, 255, 255	 0, 123, 144
 181, 255, 255	 0, 98, 118
 212, 255, 255	 0, 73, 94
 244, 255, 255	 0, 50, 70
	 0, 29, 47
	 0, 1, 27
	 0, 0, 0

■ 29, 204, 226

■ 29, 204, 226

■ 6, 201, 226

■ 52, 207, 226

■ 0, 201, 226

■ 74, 209, 226

■ 97, 212, 226

■ 119, 214, 226

■ 142, 217, 226

■ 165, 219, 226

■ 187, 222, 226

■ 210, 224, 226

■ 232, 227, 226

Harmonies

Analogous

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



71, 205, 190



29, 204, 226



77, 198, 251

Triad

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



29, 204, 226



237, 162, 218



205, 185, 112

Complementary

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



29, 204, 226



226, 51, 29

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.



236, 173, 120



29, 204, 226



255, 157, 182

Square

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



29, 204, 226



197, 174, 246



255, 162, 146



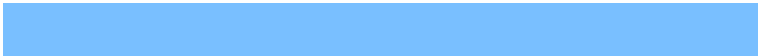
166, 196, 124

Rectangle

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



29, 204, 226



121, 191, 255



255, 162, 146



216, 181, 112

Sweetspot

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



29, 204, 226



189, 248, 255



29, 226, 49



88, 123, 128



0, 0, 0



128, 128, 128

Same Dimension

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



29, 204, 226



0, 227, 255



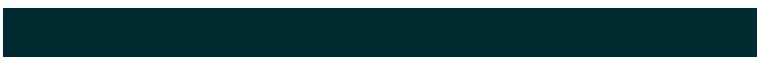
29, 108, 226



101, 111, 112



0, 156, 176



0, 43, 48

Inverse Universe

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



226, 29, 204



255, 0, 227



226, 147, 29



112, 101, 111



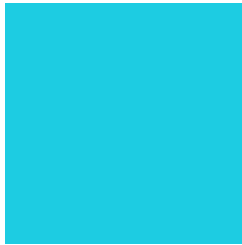
176, 0, 156



48, 0, 43

Previews

White Background



This preview shows how the RGB color 29, 204, 226 looks on a white background.

Color Contrast Check

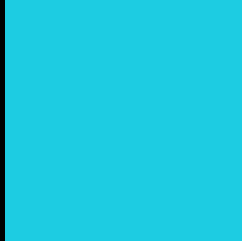
Large Text (above 18pt) WCAG AA × Fail

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 29, 204, 226 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 29, 204, 226 Background



This preview shows how black text looks on a background with the RGB color 29, 204, 226.

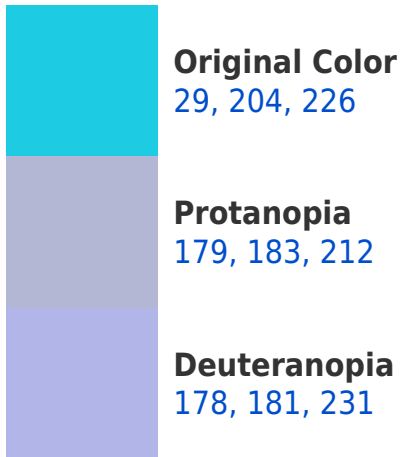


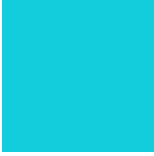
This preview shows how white text looks on a background with the RGB color 29, 204, 226.

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
19, 205, 221

Trichromacy



Original Color

29, 204, 226



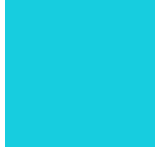
Protanomaly

124, 191, 217



Deuteranomaly

124, 189, 229



Tritanomaly

23, 205, 223

Monochromacy



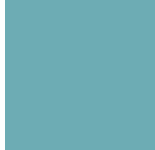
Original Color

29, 204, 226



Achromatopsia

154, 154, 154



Achromatomaly

109, 172, 180

CSS Examples

Text

The CSS property to change the color of the text to RGB 29, 204, 226 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(29, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(29, 204, 226)  
}
```

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(29, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 204, 226) }
```

Border

The CSS property to change the border of an element to RGB 29, 204, 226 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(29, 204, 226) }
```

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

```
.border{ border-color:rgb(29, 204, 226) }
```

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

Here you see how a box with a 4 pixel rgb(29, 204, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 204, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 204, 226);  
box-shadow:4px 4px 4px 4px rgb(29, 204,  
226) }
```

Background

The CSS property to change the background color of an element to RGB 29, 204, 226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 204, 226) }
```

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

```
.background{ background-color: rgb(29, 204,  
226) }
```

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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