

Converting Colors

RGB(9, 191, 235)

Have a look what the booklet for
RGB(9, 191, 235) contains.

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Color

RGB(9, 191, 235)

Conversions

Conversions Part 1

Format	Color
Hex	09BFEB
RGB	9, 191, 235
RGB Percent	4%, 75%, 92%
CMY	0.9647, 0.2510, 0.0784
CMYK	0.96, 0.19, 0.00, 0.08
HSL	192°, 93%, 48%
HSV	192°, 96%, 92%
XYZ	33.7389, 43.3178, 85.1802
YIQ	141.5980, -122.5960, -24.9000

Conversions

Conversions Part 2

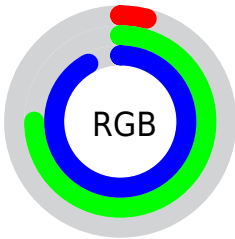
Format	Color
R _Y B	9, 110, 235
Decimal	638955
CIE Lab	71.77, -24.29, -32.96
CIE LCh	72, 40.944, 233.604
Yxy	43.3178, 0.2080, 0.2670
Android (android.graphics.Color)	4278829035 (0xFF09BFEB)
YUV	141.5980, 46.0472, -116.2884
Hunter-Lab	65.8163, -23.6755, -30.6624

Details

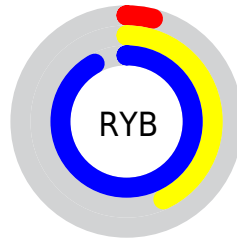
The RGB color **9, 191, 235** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **235, 53, 9**, and the grayscale version is **141, 141, 141**.

A 20% lighter version of the original color is **111, 248, 255**, and **0, 137, 179** is the 20% darker color. If you saturate the color by 10%, you get **0, 189, 235**, and if you desaturate by 10%, it is **32, 196, 235**.

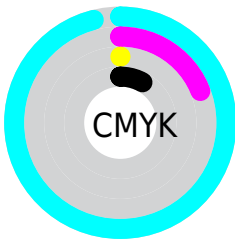
Distribution



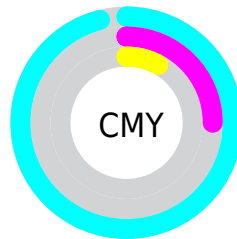
- Red (4%)
- Green (75%)
- Blue (92%)



- Red (4%)
- Yellow (43%)
- Blue (92%)



- Cyan (96%)
- Magenta (19%)
- Yellow (0%)
- Black (8%)




















- Cyan (96%)
- Magenta (25%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 9, 191, 235 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 9, 191, 235 by changing the saturation by 10% instead.

 9, 191, 235	 9, 191, 235
 255, 255, 255	 0, 164, 207
 111, 248, 255	 0, 137, 179
 145, 255, 255	 0, 112, 152
 177, 255, 255	 0, 87, 126
 208, 255, 255	 0, 64, 101
 240, 255, 255	 0, 41, 77
	 0, 16, 54
	 0, 2, 32
	 0, 0, 4

■ 9, 191, 235

■ 9, 191, 235

■ 0, 189, 235

■ 32, 196, 235

■ 56, 200, 235

■ 79, 205, 235

■ 103, 209, 235

■ 126, 214, 235

■ 150, 218, 235

■ 173, 223, 235

■ 197, 228, 235

■ 220, 232, 235

Harmonies

Analogous

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



0, 195, 204



9, 191, 235



105, 182, 250

Triad

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



9, 191, 235



242, 147, 185



170, 183, 106

Complementary

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



9, 191, 235



235, 53, 9

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.



207, 171, 101



9, 191, 235



248, 148, 148

Square

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



9, 191, 235



215, 156, 221



235, 158, 117



126, 191, 130

Rectangle

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



9, 191, 235



149, 174, 248



235, 158, 117



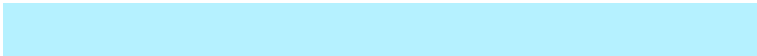
183, 179, 102

Sweetspot

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



9, 191, 235



181, 241, 255



9, 235, 50



83, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



9, 191, 235



0, 205, 255



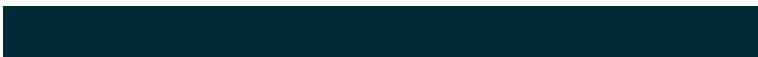
9, 81, 235



106, 115, 117



0, 146, 181



0, 43, 54

Inverse Universe

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



235, 9, 191



255, 0, 205



235, 163, 9



117, 106, 115



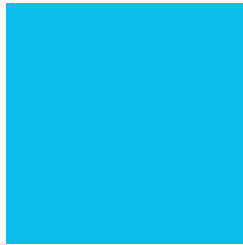
181, 0, 146



54, 0, 43

Previews

White Background



This preview shows how the RGB color 9, 191, 235 looks on a white background.

Color Contrast Check

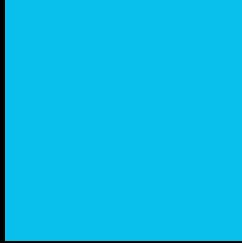
Large Text (above 18pt) WCAG AA × Fail

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 9, 191, 235 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 9, 191, 235 Background



This preview shows how black text looks on a background with the RGB color 9, 191, 235.

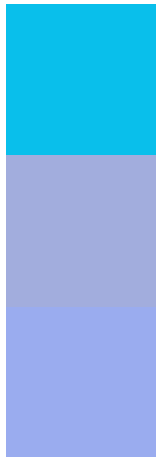


This preview shows how white text looks on a background with the RGB color 9, 191, 235.

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](#).

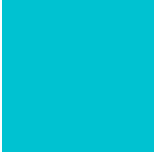
Dichromacy



Original Color
9, 191, 235

Protanopia
162, 173, 221

Deuteranopia
154, 172, 239



Tritanopia
0, 194, 209

Trichromacy



Original Color

9, 191, 235



Protanomaly

106, 180, 226



Deuteranomaly

101, 179, 238



Tritanomaly

3, 193, 218

Monochromacy



Original Color

9, 191, 235



Achromatopsia

142, 142, 142



Achromatomaly

94, 160, 176

CSS Examples

Text

The CSS property to change the color of the text to RGB 9, 191, 235 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(9, 191, 235)` looks like.

```
.text, #text, p{  
    color:rgb(9, 191, 235)  
}
```

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(9, 191, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 191, 235) }
```

Border

The CSS property to change the border of an element to RGB 9, 191, 235 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(9, 191, 235) }
```

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

```
.border{ border-color:rgb(9, 191, 235) }
```

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

Here you see how a box with a 4 pixel rgb(9, 191, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 191, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 191, 235);  
box-shadow:4px 4px 4px 4px rgb(9, 191,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 9, 191, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 191, 235) }
```

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

```
.background{ background-color: rgb(9, 191,  
235) }
```

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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