

Converting Colors

RGB(31, 191, 224)

Have a look what the booklet for
RGB(31, 191, 224) contains.

RGB(31, 191, 224)	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(31, 191, 224)

Conversions

Conversions Part 1

Format	Color
Hex	1FBFE0
RGB	31, 191, 224
RGB Percent	12%, 75%, 88%
CMY	0.8784, 0.2510, 0.1216
CMYK	0.86, 0.15, 0.00, 0.12
HSL	190°, 76%, 50%
HSV	190°, 86%, 88%
XYZ	32.6504, 42.9347, 77.0874
YIQ	146.9220, -105.9530, -23.6570

Conversions

Conversions Part 2

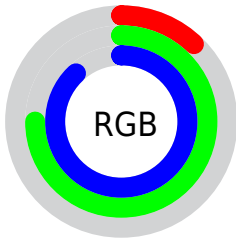
Format	Color
R _{YB}	31, 118, 224
Decimal	2080736
CIE Lab	71.51, -27.02, -27.37
CIE LCh	72, 38.466, 225.367
Yxy	42.9347, 0.2139, 0.2812
Android (android.graphics.Color)	4280270816 (0xFF1FBFE0)
YUV	146.9220, 37.9995, -101.6636
Hunter-Lab	65.5246, -25.7228, -23.8854

Details

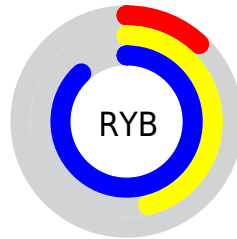
The RGB color **31, 191, 224** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **224, 64, 31**, and the grayscale version is **147, 147, 147**.

A 20% lighter version of the original color is **115, 248, 255**, and **0, 137, 169** is the 20% darker color. If you saturate the color by 10%, you get **9, 187, 224**, and if you desaturate by 10%, it is **53, 195, 224**.

Distribution



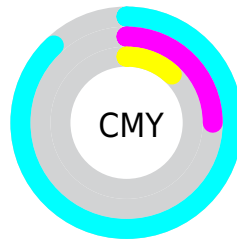
- Red (12%)
- Green (75%)
- Blue (88%)



- Red (12%)
- Yellow (46%)
- Blue (88%)



- Cyan (86%)
- Magenta (15%)
- Yellow (0%)
- Black (12%)




















- Cyan (88%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 31, 191, 224 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 31, 191, 224 by changing the saturation by 10% instead.

 31, 191, 224	 31, 191, 224
 255, 255, 255	 0, 164, 196
 115, 248, 255	 0, 137, 169
 147, 255, 255	 0, 112, 142
 179, 255, 255	 0, 87, 116
 210, 255, 255	 0, 63, 92
 241, 255, 255	 0, 41, 68
	 0, 14, 46
	 0, 1, 24
	 0, 0, 0

■ 31, 191, 224

■ 31, 191, 224

■ 9, 187, 224

■ 53, 195, 224

■ 0, 186, 224

■ 76, 199, 224

■ 98, 202, 224

■ 121, 206, 224

■ 143, 210, 224

■ 165, 214, 224

■ 188, 218, 224

■ 210, 222, 224

■ 233, 225, 224

Harmonies

Analogous

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



45, 194, 193



31, 191, 224



94, 184, 242

Triad

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



31, 191, 224



233, 150, 194



180, 179, 106

Complementary

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



31, 191, 224



224, 64, 31

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.



213, 167, 107



31, 191, 224



244, 148, 158

Square

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



31, 191, 224



202, 160, 225



236, 155, 127



141, 188, 125

Rectangle

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



31, 191, 224



135, 176, 245



236, 155, 127



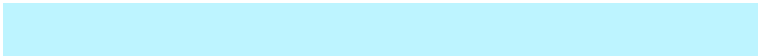
192, 175, 104

Sweetspot

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



31, 191, 224



189, 244, 255



31, 224, 63



88, 121, 128



0, 0, 0



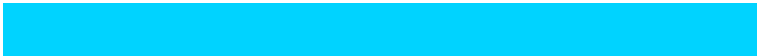
128, 128, 128

Same Dimension

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



31, 191, 224



0, 211, 255



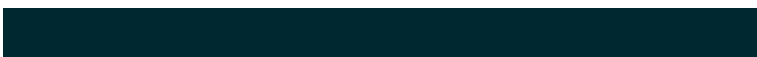
31, 95, 224



101, 110, 112



0, 146, 176



0, 40, 48

Inverse Universe

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



224, 31, 191



255, 0, 211



224, 160, 31



112, 101, 110



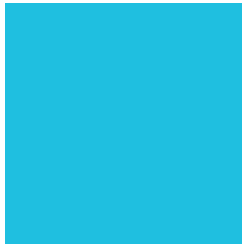
176, 0, 146



48, 0, 40

Previews

White Background



This preview shows how the RGB color 31, 191, 224 looks on a white background.

Color Contrast Check

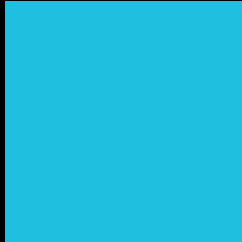
Large Text (above 18pt) WCAG AA × Fail

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 31, 191, 224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

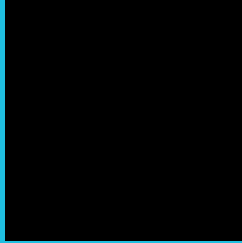
Any Text WCAG AA ✓ Pass

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 31, 191, 224 Background



This preview shows how black text looks on a background with the RGB color 31, 191, 224.



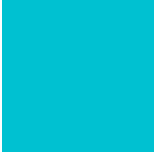
This preview shows how white text looks on a background with the RGB color 31, 191, 224.

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
0, 193, 209

Trichromacy



Original Color
31, 191, 224



Protanomaly
116, 179, 216



Deuteranomaly
114, 178, 227



Tritanomaly
11, 192, 214

Monochromacy



Original Color
31, 191, 224



Achromatopsia
147, 147, 147



Achromatomaly
105, 163, 175

CSS Examples

Text

The CSS property to change the color of the text to RGB 31, 191, 224 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(31, 191, 224)` looks like.

```
.text, #text, p{  
    color:rgb(31, 191, 224)  
}
```

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(31, 191, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 191, 224) }
```

Border

The CSS property to change the border of an element to RGB 31, 191, 224 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(31, 191, 224) }
```

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

```
.border{ border-color:rgb(31, 191, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 191, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 191, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 191, 224);  
box-shadow:4px 4px 4px 4px rgb(31, 191,  
224) }
```

Background

The CSS property to change the background color of an element to RGB 31, 191, 224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 191, 224) }
```

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

```
.background{ background-color: rgb(31, 191,  
224) }
```

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