

Converting Colors

RGB(31, 255, 253)

Have a look what the booklet for
RGB(31, 255, 253) contains.

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Color

RGB(31, 255, 253)

Conversions

Conversions Part 1

Format	Color
Hex	1FFFFD
RGB	31, 255, 253
RGB Percent	12%, 100%, 99%
CMY	0.8784, 0.0000, 0.0078
CMYK	0.88, 0.00, 0.01, 0.00
HSL	179°, 100%, 56%
HSV	179°, 88%, 100%
XYZ	54.0547, 78.9032, 105.3094
YIQ	187.7960, -132.8620, -48.1100

Conversions

Conversions Part 2

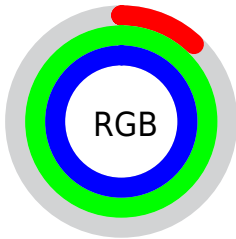
Format	Color
R _Y B	31, 144, 255
Decimal	2097149
CIE Lab	91.19, -47.77, -12.98
CIE LCh	91, 49.503, 195.197
Yxy	78.9032, 0.2269, 0.3312
Android (android.graphics.Color)	4280287229 (0xFF1FFFFD)
YUV	187.7960, 32.1456, -137.5101
Hunter-Lab	88.8274, -46.8244, -8.1120

Details

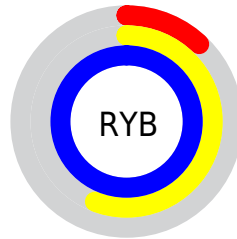
The RGB color **31, 255, 253** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **255, 31, 33**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **127, 255, 255**, and **0, 197, 196** is the 20% darker color. If you saturate the color by 10%, you get **6, 255, 253**, and if you desaturate by 10%, it is **57, 255, 253**.

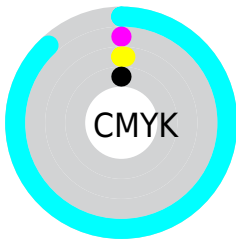
Distribution



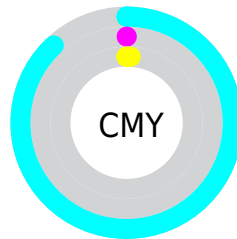
- Red (12%)
- Green (100%)
- Blue (99%)



- Red (12%)
- Yellow (56%)
- Blue (100%)



- Cyan (88%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



















- Cyan (88%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 31, 255, 253 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, 255, 253 by changing the saturation by 10% instead.

 31, 255, 253	 31, 255, 253
 255, 255, 255	 0, 226, 224
 127, 255, 255	 0, 197, 196
 162, 255, 255	 0, 170, 169
 195, 255, 255	 0, 142, 143
 228, 255, 255	 0, 116, 117
	 0, 90, 93
	 0, 66, 69
	 0, 44, 47
	 0, 10, 27

■ 31, 255, 253

■ 31, 255, 253

■ 6, 255, 253

■ 57, 255, 253

■ 0, 255, 253

■ 82, 255, 253

■ 107, 255, 254

■ 133, 255, 254

■ 159, 255, 254

■ 184, 255, 254

■ 210, 255, 255

■ 235, 255, 255

255, 255, 255

Harmonies

Analogous

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



121, 253, 204



31, 255, 253



0, 251, 255

Triad

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



31, 255, 253



255, 209, 255



255, 219, 138

Complementary

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



31, 255, 253



255, 31, 33

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.



255, 203, 164



31, 255, 253



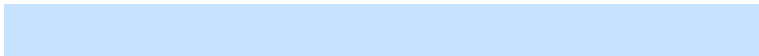
255, 195, 255

Square

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



31, 255, 253



199, 226, 255



255, 193, 207



237, 235, 136

Rectangle

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



31, 255, 253



80, 245, 255



255, 193, 207



255, 213, 144

Sweetspot

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



31, 255, 253



189, 255, 254



35, 255, 31



88, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



31, 255, 253



0, 255, 253



31, 147, 255



115, 128, 127



0, 191, 190



0, 64, 63

Inverse Universe

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



255, 31, 33



255, 0, 2



255, 139, 31



128, 115, 115



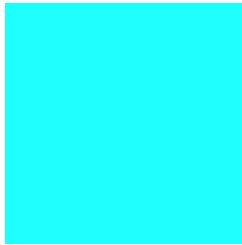
191, 0, 2



64, 0, 1

Previews

White Background



This preview shows how the RGB color 31, 255, 253 looks on a white background.

Color Contrast Check

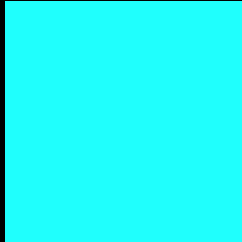
Large Text (above 18pt) WCAG AA × Fail

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, 255, 253 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

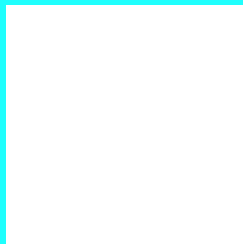
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 31, 255, 253 Background



This preview shows how black text looks on a background with the RGB color 31, 255, 253.



This preview shows how white text looks on a background with the RGB color 31, 255, 253.

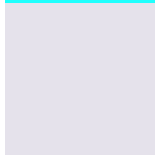
Color Blindness Simulation

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



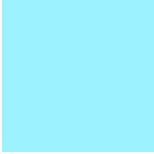
Original Color
31, 255, 253



Protanopia
229, 226, 235



Deuteranopia
233, 223, 255



Tritanopia
157, 242, 255

Trichromacy



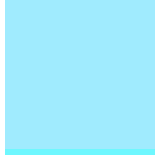
Original Color

31, 255, 253



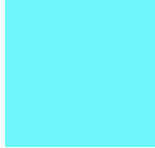
Protanomaly

157, 237, 242



Deuteranomaly

160, 235, 254



Tritanomaly

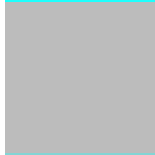
111, 247, 254

Monochromacy



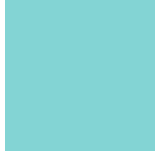
Original Color

31, 255, 253



Achromatopsia

188, 188, 188



Achromatomaly

131, 212, 212

CSS Examples

Text

The CSS property to change the color of the text to RGB 31, 255, 253 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, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(31, 255, 253)  
}
```

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, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 255, 253) }
```

Border

The CSS property to change the border of an element to RGB 31, 255, 253 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, 255, 253) }
```

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

```
.border{ border-color:rgb(31, 255, 253) }
```

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

Here you see how a box with a 4 pixel rgb(31, 255, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(31, 255,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 31, 255, 253 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 255, 253) }
```

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

```
.background{ background-color: rgb(31, 255,  
253) }
```

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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