

Converting Colors

RGB(131, 255, 253)

Have a look what the booklet for
RGB(131, 255, 253) contains.

RGB(131, 255, 253)	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(131, 255, 253)

Conversions

Conversions Part 1

Format	Color
Hex	83FFFD
RGB	131, 255, 253
RGB Percent	51%, 100%, 99%
CMY	0.4863, 0.0000, 0.0078
CMYK	0.49, 0.00, 0.01, 0.00
HSL	179°, 100%, 76%
HSV	179°, 49%, 100%
XYZ	62.8497, 83.4371, 105.7210
YIQ	217.6960, -73.2620, -26.9100

Conversions

Conversions Part 2

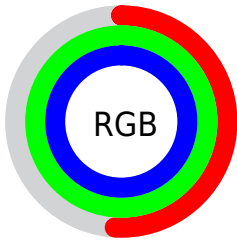
Format	Color
RYB	131, 194, 255
Decimal	8650749
CIELab	93.21, -35.11, -9.76
CIElCh	93, 36.441, 195.535
Yxy	83.4371, 0.2494, 0.3311
Android (android.graphics.Color)	4286840829 (0xFF83FFFD)
YUV	217.6960, 17.4049, -76.0324
Hunter-Lab	91.3439, -37.0340, -4.6812

Details

The RGB color **131, 255, 253** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **255, 131, 133**, and the grayscale version is **218, 218, 218**.

A 20% lighter version of the original color is **191, 255, 255**, and **66, 198, 196** is the 20% darker color. If you saturate the color by 10%, you get **106, 255, 253**, and if you desaturate by 10%, it is **156, 255, 253**.

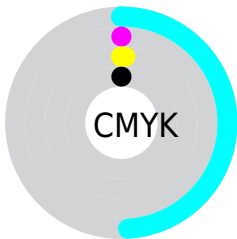
Distribution



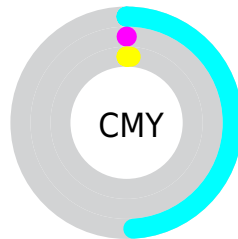
- Red (51%)
- Green (100%)
- Blue (99%)



- Red (51%)
- Yellow (76%)
- Blue (100%)



- Cyan (49%)
- Magenta (0%)
- Yellow (1%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 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 131, 255, 253 by changing the saturation by 10% instead.


 131, 255, 253

 131, 255, 253


255, 255, 255

 100, 226, 224

 191, 255, 255


 66, 198, 196

 222, 255, 255

 18, 170, 169

 252, 255, 255

 0, 143, 143

 0, 117, 117

 0, 92, 93

 0, 68, 69

 0, 45, 47

 0, 20, 26

■ 131, 255, 253

■ 131, 255, 253

■ 106, 255, 253

■ 156, 255, 253

■ 80, 255, 252

■ 182, 255, 254

■ 55, 255, 252

■ 208, 255, 254

■ 29, 255, 251

■ 233, 255, 255

■ 4, 255, 251

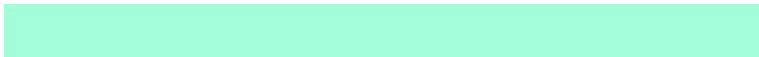
■ 255, 255, 255

■ 0, 255, 251

Harmonies

Analogous

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



162, 254, 217



131, 255, 253



130, 252, 255

Triad

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



131, 255, 253



255, 220, 255



255, 227, 168

Complementary

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



131, 255, 253



255, 131, 133

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, 216, 187



131, 255, 253



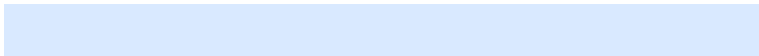
255, 211, 254

Square

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



131, 255, 253



217, 233, 255



255, 210, 218



242, 239, 167

Rectangle

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



131, 255, 253



151, 247, 255



255, 210, 218



255, 223, 173

Sweetspot

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



131, 255, 253



217, 255, 254



133, 255, 131



105, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

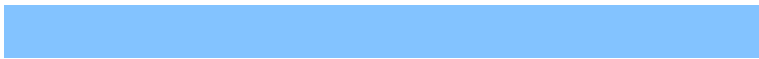
The Same Dimension uses a secret algorithm to generate beautiful new colors.



131, 255, 253



107, 255, 253



131, 195, 255



115, 128, 127



0, 191, 188



0, 64, 63

Inverse Universe

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



255, 131, 133



255, 107, 109



255, 191, 131



128, 115, 115



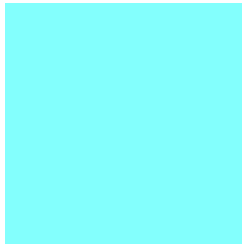
191, 0, 3



64, 0, 1

Previews

White Background



This preview shows how the RGB color 131, 255, 253 looks on a white background.

Color Contrast Check

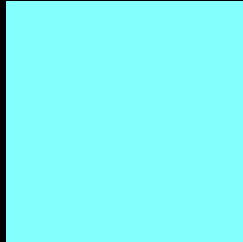
Large Text (above 18pt) WCAG AA × Fail

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 131, 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 131, 255, 253 Background



This preview shows how black text looks on a background with the RGB color 131, 255, 253.

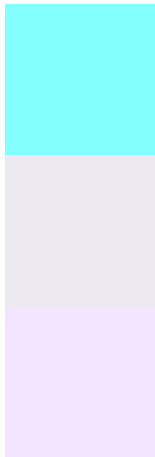


This preview shows how white text looks on a background with the RGB color 131, 255, 253.

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
131, 255, 253

Protanopia
236, 233, 240

Deuteranopia
243, 229, 255



Tritanopia
191, 244, 255

Trichromacy



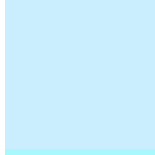
Original Color

131, 255, 253



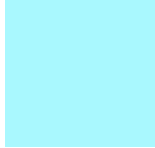
Protanomaly

198, 241, 245



Deuteranomaly

202, 238, 254



Tritanomaly

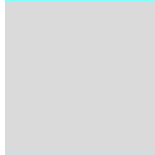
169, 248, 254

Monochromacy



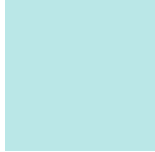
Original Color

131, 255, 253



Achromatopsia

218, 218, 218



Achromatomaly

186, 231, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 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(131, 255, 253)` looks like.

```
.text, #text, p{  
    color:rgb(131, 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(131, 255, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 255, 253) }
```

Border

The CSS property to change the border of an element to RGB 131, 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(131, 255, 253) }
```

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

```
.border{ border-color:rgb(131, 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(131, 255, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 255, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 255, 253);  
box-shadow:4px 4px 4px 4px rgb(131, 255,  
253) }
```

Background

The CSS property to change the background color of an element to RGB 131, 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(131, 255, 253) }
```

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

```
.background{ background-color: rgb(131,  
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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