

Converting Colors

RGB(128, 255, 231)

Have a look what the booklet for
RGB(128, 255, 231) contains.

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Color

RGB(128, 255, 231)

Conversions

Conversions Part 1

Format	Color
Hex	80FFE7
RGB	128, 255, 231
RGB Percent	50%, 100%, 91%
CMY	0.4980, 0.0000, 0.0941
CMYK	0.50, 0.00, 0.09, 0.00
HSL	169°, 100%, 75%
HSV	169°, 50%, 100%
XYZ	59.0859, 81.8787, 88.2913
YIQ	214.2910, -67.9880, -34.3880

Conversions

Conversions Part 2

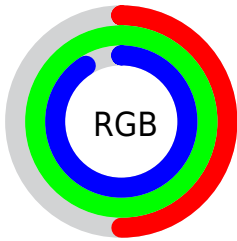
Format	Color
RYB	128, 198, 255
Decimal	8454119
CIELab	92.52, -41.04, 0.60
CIELCh	93, 41.040, 179.157
Yxy	81.8787, 0.2577, 0.3571
Android (android.graphics.Color)	4286644199 (0xFF80FFE7)
YUV	214.2910, 8.2375, -75.6772
Hunter-Lab	90.4869, -41.7955, 5.4894

Details

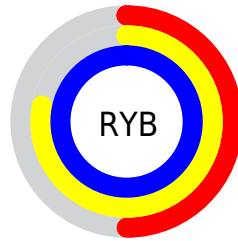
The RGB color **128, 255, 231** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **255, 128, 152**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **188, 255, 255**, and **64, 198, 176** is the 20% darker color. If you saturate the color by 10%, you get **103, 255, 226**, and if you desaturate by 10%, it is **154, 255, 236**.

Distribution



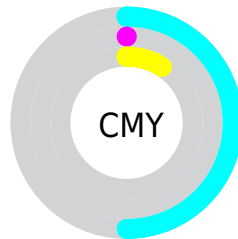
- Red (50%)
- Green (100%)
- Blue (91%)



- Red (50%)
- Yellow (78%)
- Blue (100%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)
- Black (0%)



- Cyan (50%)
- Magenta (0%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 255, 231 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 128, 255, 231 by changing the saturation by 10% instead.

 128, 255, 231

255, 255, 255


 188, 255, 255


 218, 255, 255

 248, 255, 255


 128, 255, 231

 97, 226, 203

 64, 198, 176

 16, 170, 149

 0, 143, 123

 0, 117, 98

 0, 91, 75

 0, 67, 52

 0, 44, 31

 0, 16, 7

■ 128, 255, 231

■ 128, 255, 231

■ 103, 255, 226

■ 154, 255, 236

■ 77, 255, 221

■ 179, 255, 241

■ 51, 255, 217

■ 205, 255, 245

■ 26, 255, 212

■ 230, 255, 250

■ 0, 255, 207

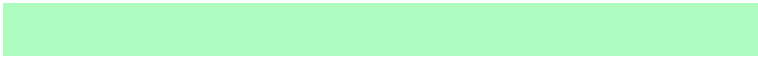
255, 255, 255

■ 0, 255, 207

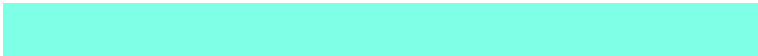
Harmonies

Analogous

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



174, 251, 192



128, 255, 231



99, 254, 255

Triad

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



128, 255, 231



237, 224, 255



255, 217, 167

Complementary

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



128, 255, 231



255, 128, 152

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, 207, 197



128, 255, 231



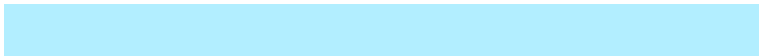
255, 211, 255

Square

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



128, 255, 231



178, 238, 255



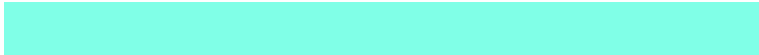
255, 204, 236



255, 231, 154

Rectangle

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



128, 255, 231



108, 251, 255



255, 204, 236



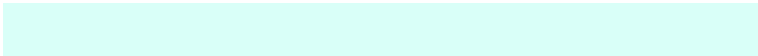
255, 213, 175

Sweetspot

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



128, 255, 231



217, 255, 248



153, 255, 128



105, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

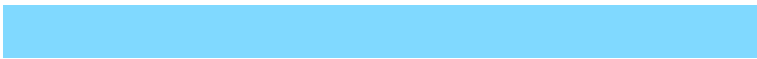
The Same Dimension uses a secret algorithm to generate beautiful new colors.



128, 255, 231



102, 255, 226



128, 217, 255



115, 128, 125



0, 191, 155



0, 64, 52

Inverse Universe

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



255, 128, 152



255, 102, 131



255, 166, 128



128, 115, 117



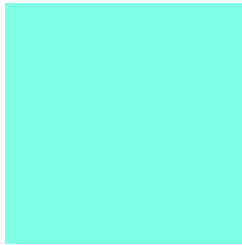
191, 0, 36



64, 0, 12

Previews

White Background



This preview shows how the RGB color 128, 255, 231 looks on a white background.

Color Contrast Check

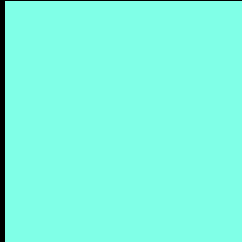
Large Text (above 18pt) WCAG AA × Fail

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 128, 255, 231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

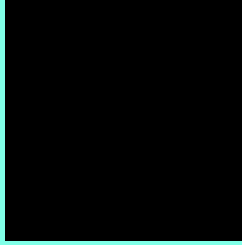
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

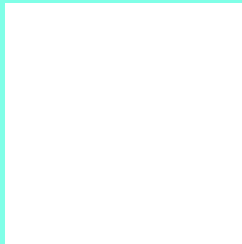
Any Text WCAG AAA ✓ Pass

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

RGB 128, 255, 231 Background



This preview shows how black text looks on a background with the RGB color 128, 255, 231.



This preview shows how white text looks on a background with the RGB color 128, 255, 231.

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
184, 242, 255

Trichromacy



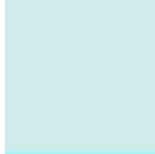
Original Color

128, 255, 231



Protanomaly

199, 240, 223



Deuteranomaly

207, 236, 235



Tritanomaly

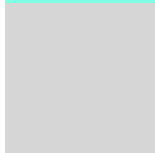
164, 247, 246

Monochromacy



Original Color

128, 255, 231



Achromatopsia

214, 214, 214



Achromatomaly

183, 229, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 255, 231 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(128, 255, 231)` looks like.

```
.text, #text, p{  
    color:rgb(128, 255, 231)  
}
```

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(128, 255, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 255, 231) }
```

Border

The CSS property to change the border of an element to RGB 128, 255, 231 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(128, 255, 231) }
```

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

```
.border{ border-color:rgb(128, 255, 231) }
```

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

Here you see how a box with a 4 pixel rgb(128, 255, 231) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 255, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 255, 231);  
box-shadow:4px 4px 4px 4px rgb(128, 255,  
231) }
```

Background

The CSS property to change the background color of an element to RGB 128, 255, 231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 255, 231) }
```

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

```
.background{ background-color: rgb(128,  
255, 231) }
```

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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