

Converting Colors

RGB(128, 251, 232)

Have a look what the booklet for
RGB(128, 251, 232) contains.

RGB(128, 251, 232)	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(128, 251, 232)

Conversions

Conversions Part 1

Format	Color
Hex	80FBE8
RGB	128, 251, 232
RGB Percent	50%, 98%, 91%
CMY	0.4980, 0.0157, 0.0902
CMYK	0.49, 0.00, 0.08, 0.02
HSL	171°, 94%, 74%
HSV	171°, 49%, 98%
XYZ	57.9648, 79.4097, 88.6165
YIQ	212.0570, -67.2090, -31.9850

Conversions

Conversions Part 2

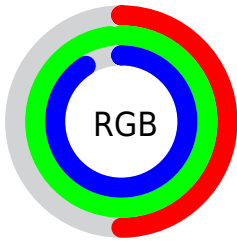
Format	Color
RYB	128, 195, 251
Decimal	8453096
CIELab	91.42, -39.00, -1.52
CIELCh	91, 39.032, 182.238
Yxy	79.4097, 0.2565, 0.3514
Android (android.graphics.Color)	4286643176 (0xFF80FBE8)
YUV	212.0570, 9.8319, -73.7180
Hunter-Lab	89.1121, -39.8374, 3.4183

Details

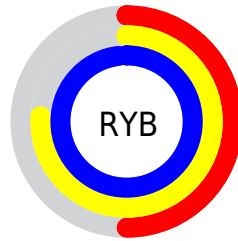
The RGB color **128, 251, 232** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **251, 128, 147**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **188, 255, 255**, and **65, 194, 176** is the 20% darker color. If you saturate the color by 10%, you get **103, 251, 228**, and if you desaturate by 10%, it is **153, 251, 236**.

Distribution



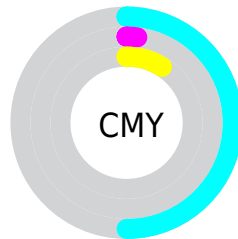
- Red (50%)
- Green (98%)
- Blue (91%)



- Red (50%)
- Yellow (76%)
- Blue (98%)



- Cyan (49%)
- Magenta (0%)
- Yellow (8%)
- Black (2%)



- Cyan (50%)
- Magenta (2%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 251, 232 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, 251, 232 by changing the saturation by 10% instead.

 128, 251, 232

255, 255, 255


 188, 255, 255


 218, 255, 255

 248, 255, 255


 128, 251, 232


 98, 222, 204

 65, 194, 176

 19, 166, 150

 0, 139, 124

 0, 113, 99

 0, 88, 75

 0, 64, 53

 0, 42, 32

 0, 10, 9

 128, 251, 232

 128, 251, 232

 103, 251, 228

 153, 251, 236

 78, 251, 224

 178, 251, 240

 53, 251, 220

 203, 251, 244

 28, 251, 216

 228, 251, 248

 3, 251, 213

 253, 251, 251

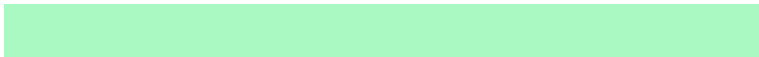
 0, 251, 212

 255, 251, 255

Harmonies

Analogous

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



170, 248, 194



128, 251, 232



106, 250, 255

Triad

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



128, 251, 232



239, 220, 255



255, 216, 165

Complementary

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



128, 251, 232



251, 128, 147

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, 206, 192



128, 251, 232



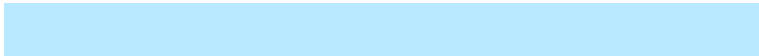
255, 208, 255

Square

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



128, 251, 232



185, 233, 255



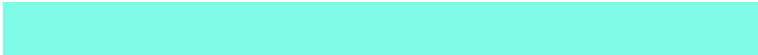
255, 202, 229



254, 229, 155

Rectangle

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



128, 251, 232



118, 246, 255



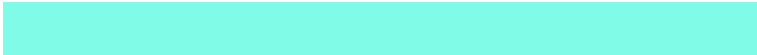
255, 202, 229



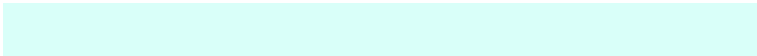
255, 212, 173

Sweetspot

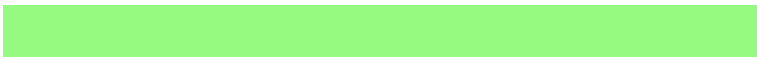
The Sweet Spot groups the original color and five complimentary colors.



128, 251, 232



217, 255, 249



148, 251, 128



105, 128, 124



0, 0, 0



128, 128, 128

Same Dimension

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



128, 251, 232



105, 255, 232



128, 210, 251



112, 125, 123



0, 189, 160



0, 61, 52

Inverse Universe

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



251, 128, 147



255, 105, 128



251, 169, 128



125, 112, 114



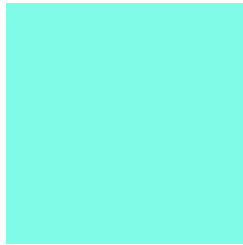
189, 0, 29



61, 0, 9

Previews

White Background



This preview shows how the RGB color 128, 251, 232 looks on a white background.

Color Contrast Check

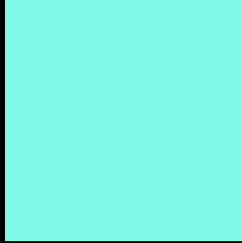
Large Text (above 18pt) WCAG AA × Fail

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, 251, 232 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, 251, 232 Background



This preview shows how black text looks on a background with the RGB color 128, 251, 232.



This preview shows how white text looks on a background with the RGB color 128, 251, 232.

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
173, 241, 255

Trichromacy



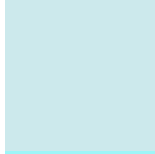
Original Color

128, 251, 232



Protanomaly

196, 236, 224



Deuteranomaly

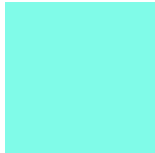
204, 233, 236



Tritanomaly

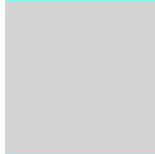
157, 245, 247

Monochromacy



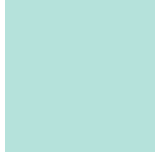
Original Color

128, 251, 232



Achromatopsia

212, 212, 212



Achromatomaly

181, 226, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 251, 232 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, 251, 232)` looks like.

```
.text, #text, p{  
    color:rgb(128, 251, 232)  
}
```

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, 251, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 251, 232) }
```

Border

The CSS property to change the border of an element to RGB 128, 251, 232 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, 251, 232) }
```

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

```
.border{ border-color:rgb(128, 251, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 251, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 251, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 251, 232);  
box-shadow:4px 4px 4px 4px rgb(128, 251,  
232) }
```

Background

The CSS property to change the background color of an element to RGB 128, 251, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 251, 232) }
```

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

```
.background{ background-color: rgb(128,  
251, 232) }
```

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