

Converting Colors

RGB(120, 248, 239)

Have a look what the booklet for
RGB(120, 248, 239) contains.

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Color

RGB(120, 248, 239)

Conversions

Conversions Part 1

Format	Color
Hex	78F8EF
RGB	120, 248, 239
RGB Percent	47%, 97%, 94%
CMY	0.5294, 0.0275, 0.0627
CMYK	0.52, 0.00, 0.04, 0.03
HSL	176°, 90%, 72%
HSV	176°, 52%, 97%
XYZ	56.8931, 77.3599, 93.5947
YIQ	208.7020, -73.3990, -29.9350

Conversions

Conversions Part 2

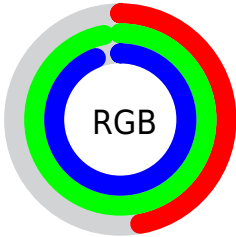
Format	Color
RYB	120, 186, 248
Decimal	7928047
CIELab	90.49, -37.61, -6.57
CIELCh	90, 38.181, 189.901
Yxy	77.3599, 0.2497, 0.3395
Android (android.graphics.Color)	4286118127 (0xFF78F8EF)
YUV	208.7020, 14.9369, -77.7917
Hunter-Lab	87.9545, -38.4580, -1.5240

Details

The RGB color **120, 248, 239** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **248, 120, 129**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **181, 255, 255**, and **52, 191, 183** is the 20% darker color. If you saturate the color by 10%, you get **95, 248, 237**, and if you desaturate by 10%, it is **145, 248, 241**.

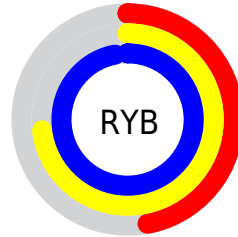
Distribution



Red (47%)

Green (97%)

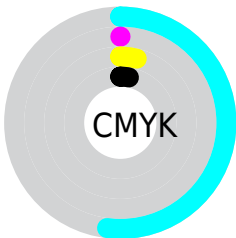
Blue (94%)



Red (47%)

Yellow (73%)

Blue (97%)

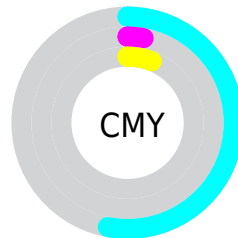


Cyan (52%)

Magenta (0%)

Yellow (4%)

Black (3%)



Cyan (53%)

Magenta (3%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 120, 248, 239 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 120, 248, 239 by changing the saturation by 10% instead.

 120, 248, 239

255, 255, 255


 181, 255, 255


 211, 255, 255

 241, 255, 255


 120, 248, 239


 88, 219, 211


 52, 191, 183

 0, 164, 156

 0, 137, 130

 0, 111, 105

 0, 86, 81

 0, 62, 58

 0, 40, 37

 0, 4, 16

 120, 248, 239

 120, 248, 239

 95, 248, 237

 145, 248, 241

 70, 248, 236

 170, 248, 242

 46, 248, 234

 194, 248, 244

 21, 248, 232

 219, 248, 246

 0, 248, 231

 244, 248, 248

 255, 248, 249

 255, 248, 251

 255, 248, 253

 255, 248, 255

Harmonies

Analogous

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



158, 246, 201



120, 248, 239



110, 246, 255

Triad

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



120, 248, 239



248, 214, 255



255, 217, 160

Complementary

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



120, 248, 239



248, 120, 129

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, 183



120, 248, 239



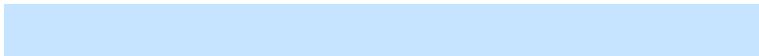
255, 204, 254

Square

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



120, 248, 239



198, 227, 255



255, 200, 217



241, 229, 155

Rectangle

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



120, 248, 239



129, 241, 255



255, 200, 217



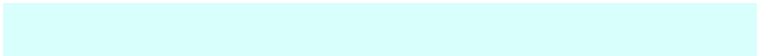
255, 213, 166

Sweetspot

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



120, 248, 239



217, 255, 252



131, 248, 120



105, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



120, 248, 239



97, 255, 244



120, 195, 248



112, 125, 124



0, 189, 175



0, 61, 57

Inverse Universe

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



248, 120, 129



255, 97, 108



248, 173, 120



125, 112, 113



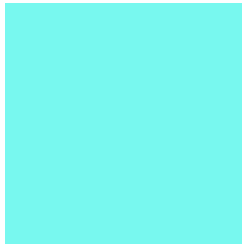
189, 0, 13



61, 0, 4

Previews

White Background



This preview shows how the RGB color 120, 248, 239 looks on a white background.

Color Contrast Check

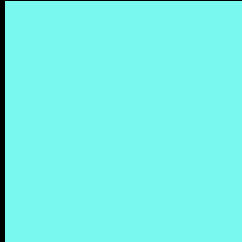
Large Text (above 18pt) WCAG AA × Fail

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 120, 248, 239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

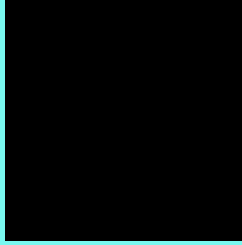
Any Text WCAG AA ✓ Pass

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 120, 248, 239 Background



This preview shows how black text looks on a background with the RGB color 120, 248, 239.

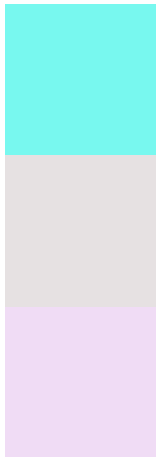


This preview shows how white text looks on a background with the RGB color 120, 248, 239.

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
120, 248, 239

Protanopia
230, 225, 226

Deuteranopia
240, 220, 245



Tritanopia
160, 240, 255

Trichromacy



Original Color

120, 248, 239



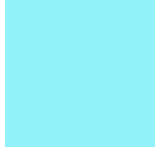
Protanomaly

190, 233, 231



Deuteranomaly

196, 230, 243



Tritanomaly

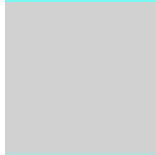
145, 243, 249

Monochromacy



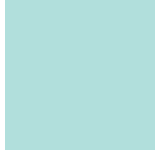
Original Color

120, 248, 239



Achromatopsia

209, 209, 209



Achromatomaly

177, 223, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 120, 248, 239 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(120, 248, 239)` looks like.

```
.text, #text, p{  
    color:rgb(120, 248, 239)  
}
```

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(120, 248, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 248, 239) }
```

Border

The CSS property to change the border of an element to RGB 120, 248, 239 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(120, 248, 239) }
```

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

```
.border{ border-color:rgb(120, 248, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 248, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 248, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 248, 239);  
box-shadow:4px 4px 4px 4px rgb(120, 248,  
239) }
```

Background

The CSS property to change the background color of an element to RGB 120, 248, 239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 248, 239) }
```

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

```
.background{ background-color: rgb(120,  
248, 239) }
```

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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