

Converting Colors

RGB(112, 248, 244)

Have a look what the booklet for
RGB(112, 248, 244) contains.

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Color

RGB(112, 248, 244)

Conversions

Conversions Part 1

Format	Color
Hex	70F8F4
RGB	112, 248, 244
RGB Percent	44%, 97%, 96%
CMY	0.5608, 0.0275, 0.0431
CMYK	0.55, 0.00, 0.02, 0.03
HSL	178°, 91%, 71%
HSV	178°, 55%, 97%
XYZ	56.5786, 77.1112, 97.4899
YIQ	206.8800, -79.7720, -30.0760

Conversions

Conversions Part 2

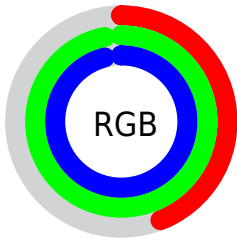
Format	Color
RYB	112, 181, 248
Decimal	7403764
CIELab	90.37, -37.90, -9.36
CIElCh	90, 39.038, 193.879
Yxy	77.1112, 0.2447, 0.3336
Android (android.graphics.Color)	4285593844 (0xFF70F8F4)
YUV	206.8800, 18.3002, -83.2098
Hunter-Lab	87.8130, -38.6637, -4.3546

Details

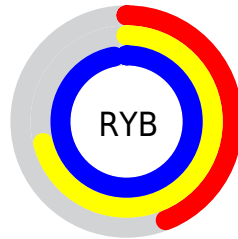
The RGB color **112, 248, 244** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **248, 112, 116**, and the grayscale version is **207, 207, 207**.

A 20% lighter version of the original color is **174, 255, 255**, and **36, 191, 188** is the 20% darker color. If you saturate the color by 10%, you get **87, 248, 243**, and if you desaturate by 10%, it is **137, 248, 245**.

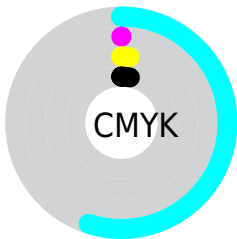
Distribution



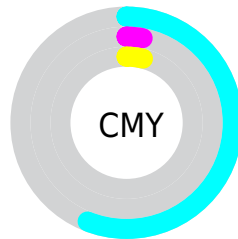
- Red (44%)
- Green (97%)
- Blue (96%)



- Red (44%)
- Yellow (71%)
- Blue (97%)



- Cyan (55%)
- Magenta (0%)
- Yellow (2%)
- Black (3%)



- Cyan (56%)
- Magenta (3%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 248, 244 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 112, 248, 244 by changing the saturation by 10% instead.


 112, 248, 244

 112, 248, 244

255, 255, 255

 78, 219, 216

 174, 255, 255


 36, 191, 188


 205, 255, 255

 0, 164, 161

 235, 255, 255

 0, 137, 135

 0, 111, 109

 0, 86, 85

 0, 62, 62

 0, 40, 40

 0, 4, 21

■ 112, 248, 244

■ 112, 248, 244

■ 87, 248, 243

■ 137, 248, 245

■ 62, 248, 243

■ 162, 248, 245

■ 38, 248, 242

■ 186, 248, 246

■ 13, 248, 241

■ 211, 248, 247

■ 0, 248, 241

■ 236, 248, 248

■ 255, 248, 248

■ 255, 248, 249

■ 255, 248, 250

■ 255, 248, 251

Harmonies

Analogous

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



150, 246, 205



112, 248, 244



107, 245, 255

Triad

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



112, 248, 244



254, 212, 255



255, 218, 156

Complementary

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



112, 248, 244



248, 112, 116

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, 177



112, 248, 244



255, 202, 249

Square

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



112, 248, 244



204, 225, 255



255, 200, 211



236, 231, 154

Rectangle

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



112, 248, 244



131, 240, 255



255, 200, 211



255, 214, 161

Sweetspot

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



112, 248, 244



214, 255, 254



117, 248, 112



103, 128, 127



0, 0, 0



128, 128, 128

Same Dimension

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



112, 248, 244



87, 255, 250



112, 185, 248



112, 125, 125



0, 189, 183



0, 61, 59

Inverse Universe

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



248, 112, 116



255, 87, 92



248, 175, 112



125, 112, 113



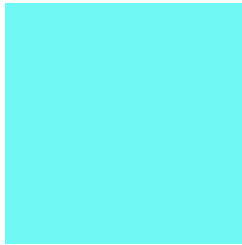
189, 0, 6



61, 0, 2

Previews

White Background



This preview shows how the RGB color 112, 248, 244 looks on a white background.

Color Contrast Check

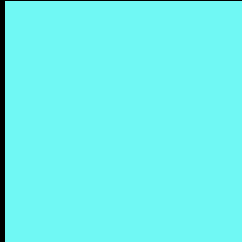
Large Text (above 18pt) WCAG AA × Fail

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 112, 248, 244 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 112, 248, 244 Background



This preview shows how black text looks on a background with the RGB color 112, 248, 244.

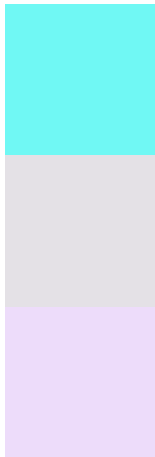


This preview shows how white text looks on a background with the RGB color 112, 248, 244.

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
112, 248, 244

Protanopia
228, 225, 230

Deuteranopia
237, 220, 250



Tritanopia
157, 240, 255

Trichromacy



Original Color

112, 248, 244



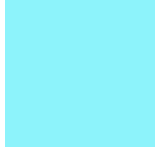
Protanomaly

186, 233, 235



Deuteranomaly

192, 230, 248



Tritanomaly

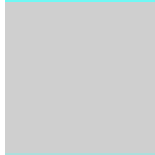
141, 243, 251

Monochromacy



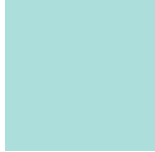
Original Color

112, 248, 244



Achromatopsia

207, 207, 207



Achromatomaly

172, 222, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 248, 244 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(112, 248, 244)` looks like.

```
.text, #text, p{  
    color:rgb(112, 248, 244)  
}
```

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(112, 248, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 248, 244) }
```

Border

The CSS property to change the border of an element to RGB 112, 248, 244 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(112, 248, 244) }
```

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

```
.border{ border-color:rgb(112, 248, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 248, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 248, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 248, 244);  
box-shadow:4px 4px 4px 4px rgb(112, 248,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 112, 248, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 248, 244) }
```

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

```
.background{ background-color: rgb(112,  
248, 244) }
```

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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