

Converting Colors

RGB(112, 255, 236)

Have a look what the booklet for
RGB(112, 255, 236) contains.

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Color

RGB(112, 255, 236)

Conversions

Conversions Part 1

Format	Color
Hex	70FFEC
RGB	112, 255, 236
RGB Percent	44%, 100%, 93%
CMY	0.5608, 0.0000, 0.0745
CMYK	0.56, 0.00, 0.07, 0.00
HSL	172°, 100%, 72%
HSV	172°, 56%, 100%
XYZ	57.5824, 81.0209, 91.9606
YIQ	210.0770, -79.1290, -36.2250

Conversions

Conversions Part 2

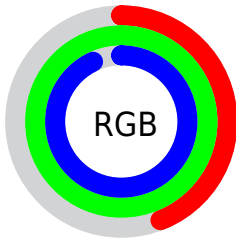
Format	Color
RYB	112, 189, 255
Decimal	7405548
CIELab	92.14, -43.05, -2.60
CIElCh	92, 43.125, 183.457
Yxy	81.0209, 0.2497, 0.3514
Android (android.graphics.Color)	4285595628 (0xFF70FFEC)
YUV	210.0770, 12.7800, -86.0135
Hunter-Lab	90.0116, -43.3299, 2.4343

Details

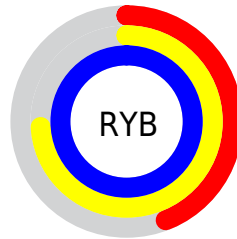
The RGB color **112, 255, 236** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **255, 112, 131**, and the grayscale version is **210, 210, 210**.

A 20% lighter version of the original color is **174, 255, 255**, and **35, 198, 180** is the 20% darker color. If you saturate the color by 10%, you get **87, 255, 233**, and if you desaturate by 10%, it is **138, 255, 239**.

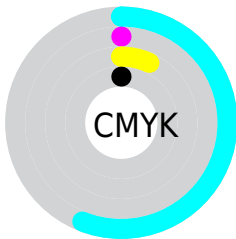
Distribution



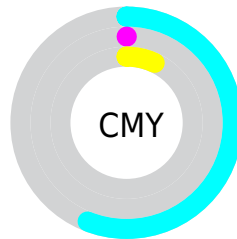
- Red (44%)
- Green (100%)
- Blue (93%)



- Red (44%)
- Yellow (74%)
- Blue (100%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)
- Black (0%)



- Cyan (56%)
- Magenta (0%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 112, 255, 236 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, 255, 236 by changing the saturation by 10% instead.

 112, 255, 236

255, 255, 255


 174, 255, 255

 205, 255, 255

 236, 255, 255


 112, 255, 236

 78, 226, 208


 35, 198, 180

 0, 170, 154


 0, 143, 128

 0, 117, 103

 0, 91, 79

 0, 67, 56

 0, 44, 35

 0, 15, 13

■ 112, 255, 236

■ 112, 255, 236

■ 87, 255, 233

■ 138, 255, 239

■ 61, 255, 229

■ 163, 255, 243

■ 35, 255, 226

■ 189, 255, 246

■ 10, 255, 222

■ 214, 255, 250

■ 0, 255, 221

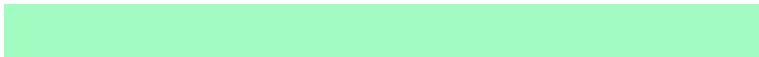
■ 240, 255, 253

255, 255, 255

Harmonies

Analogous

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



162, 252, 194



112, 255, 236



82, 253, 255

Triad

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



112, 255, 236



244, 220, 255



255, 217, 159

Complementary

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



112, 255, 236



255, 112, 131

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, 205, 189



112, 255, 236



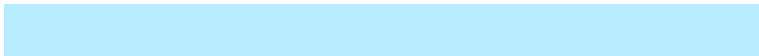
255, 207, 255

Square

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



112, 255, 236



183, 235, 255



255, 201, 229



255, 231, 149

Rectangle

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



112, 255, 236



100, 249, 255



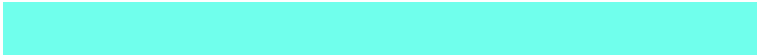
255, 201, 229



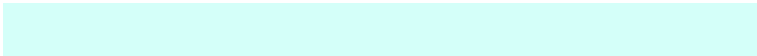
255, 213, 167

Sweetspot

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



112, 255, 236



212, 255, 249



131, 255, 112



102, 128, 124



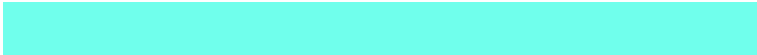
0, 0, 0



128, 128, 128

Same Dimension

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



112, 255, 236



84, 255, 232



112, 203, 255



115, 128, 126



0, 191, 166



0, 64, 55

Inverse Universe

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



255, 112, 131



255, 84, 107



255, 164, 112



128, 115, 116



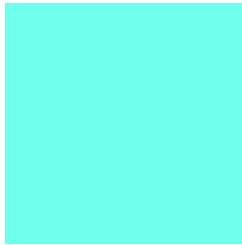
191, 0, 25



64, 0, 8

Previews

White Background



This preview shows how the RGB color 112, 255, 236 looks on a white background.

Color Contrast Check

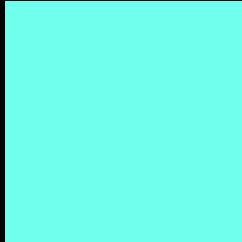
Large Text (above 18pt) WCAG AA × Fail

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, 255, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

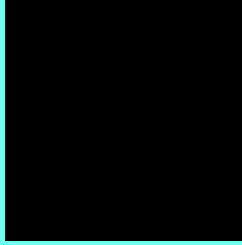
Any Text WCAG AA ✓ Pass

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, 255, 236 Background



This preview shows how black text looks on a background with the RGB color 112, 255, 236.



This preview shows how white text looks on a background with the RGB color 112, 255, 236.

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





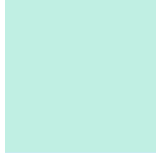
Tritanopia
177, 242, 255

Trichromacy



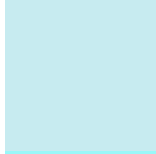
Original Color

112, 255, 236



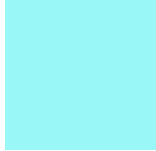
Protanomaly

192, 239, 227



Deuteranomaly

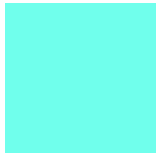
199, 235, 240



Tritanomaly

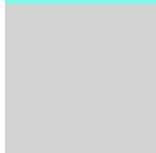
153, 247, 248

Monochromacy



Original Color

112, 255, 236



Achromatopsia

210, 210, 210



Achromatomaly

174, 226, 219

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 255, 236 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, 255, 236)` looks like.

```
.text, #text, p{  
    color:rgb(112, 255, 236)  
}
```

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, 255, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 255, 236) }
```

Border

The CSS property to change the border of an element to RGB 112, 255, 236 is called "border". The border property can be set on classes, ids or directly on the HTML element.

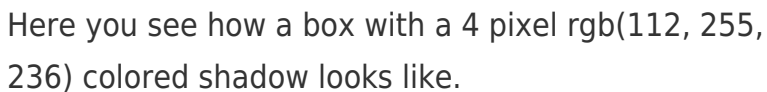
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(112, 255, 236) }
```

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

```
.border{ border-color:rgb(112, 255, 236) }
```

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



Here you see how a box with a 4 pixel `rgb(112, 255, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(112, 255, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(112, 255, 236); box-shadow:4px 4px 4px 4px rgb(112, 255, 236) }
```

Background

The CSS property to change the background color of an element to RGB 112, 255, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 255, 236) }
```

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

```
.background{ background-color: rgb(112,  
255, 236) }
```

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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