

Converting Colors

RGB(112, 252, 238)

Have a look what the booklet for
RGB(112, 252, 238) contains.

RGB(112, 252, 238)	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(112, 252, 238)

Conversions

Conversions Part 1

Format	Color
Hex	70FCEE
RGB	112, 252, 238
RGB Percent	44%, 99%, 93%
CMY	0.5608, 0.0118, 0.0667
CMYK	0.56, 0.00, 0.06, 0.01
HSL	174°, 96%, 71%
HSV	174°, 56%, 99%
XYZ	56.9251, 79.2386, 93.1832
YIQ	208.5440, -78.9460, -34.0340

Conversions

Conversions Part 2

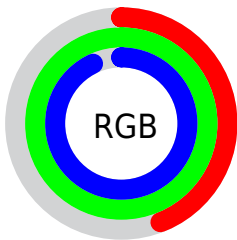
Format	Color
RYB	112, 186, 252
Decimal	7404782
CIELab	91.34, -41.22, -4.81
CIELCh	91, 41.499, 186.658
Yxy	79.2386, 0.2482, 0.3455
Android (android.graphics.Color)	4285594862 (0xFF70FCEE)
YUV	208.5440, 14.5218, -84.6691
Hunter-Lab	89.0161, -41.6287, 0.2457

Details

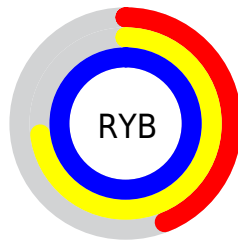
The RGB color **112, 252, 238** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **252, 112, 126**, and the grayscale version is **208, 208, 208**.

A 20% lighter version of the original color is **174, 255, 255**, and **36, 195, 182** is the 20% darker color. If you saturate the color by 10%, you get **87, 252, 235**, and if you desaturate by 10%, it is **137, 252, 241**.

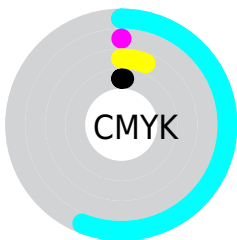
Distribution



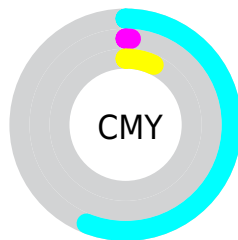
- Red (44%)
- Green (99%)
- Blue (93%)



- Red (44%)
- Yellow (73%)
- Blue (99%)



- Cyan (56%)
- Magenta (0%)
- Yellow (6%)
- Black (1%)



- Cyan (56%)
- Magenta (1%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the RGB color 112, 252, 238 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, 252, 238 by changing the saturation by 10% instead.


 112, 252, 238

 112, 252, 238

255, 255, 255

 78, 223, 210

 174, 255, 255


 36, 195, 182


 205, 255, 255

 0, 167, 155

 235, 255, 255


 0, 140, 129

 0, 114, 104

 0, 89, 80

 0, 64, 57

 0, 42, 36

 0, 10, 15

■ 112, 252, 238

■ 112, 252, 238

■ 87, 252, 235

■ 137, 252, 241

■ 62, 252, 233

■ 162, 252, 243

■ 36, 252, 230

■ 188, 252, 246

■ 11, 252, 228

■ 213, 252, 248

■ 0, 252, 227

■ 238, 252, 251

■ 255, 252, 253

■ 255, 252, 255

Harmonies

Analogous

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



158, 249, 197



112, 252, 238



91, 250, 255

Triad

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



112, 252, 238



247, 217, 255



255, 217, 158

Complementary

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



112, 252, 238



252, 112, 126

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, 185



112, 252, 238



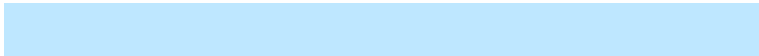
255, 205, 255

Square

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



112, 252, 238



190, 231, 255



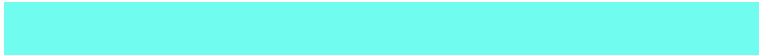
255, 200, 223



249, 231, 151

Rectangle

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



112, 252, 238



111, 246, 255



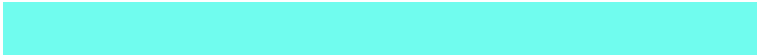
255, 200, 223



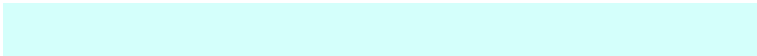
255, 213, 165

Sweetspot

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



112, 252, 238



212, 255, 251



126, 252, 112



102, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



112, 252, 238



84, 255, 238



112, 196, 252



112, 125, 124



0, 189, 170



0, 61, 55

Inverse Universe

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



252, 112, 126



255, 84, 101



252, 168, 112



125, 112, 114



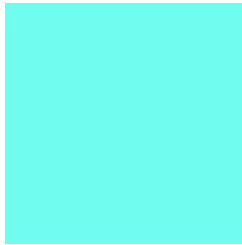
189, 0, 19



61, 0, 6

Previews

White Background



This preview shows how the RGB color 112, 252, 238 looks on a white background.

Color Contrast Check

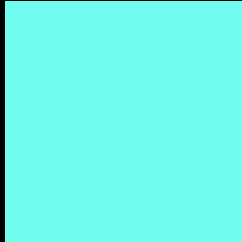
Large Text (above 18pt) WCAG AA × Fail

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, 252, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

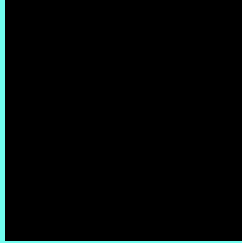
Any Text WCAG AA ✓ Pass

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, 252, 238 Background



This preview shows how black text looks on a background with the RGB color 112, 252, 238.



This preview shows how white text looks on a background with the RGB color 112, 252, 238.

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





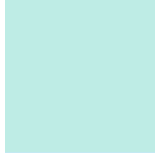
Tritanopia
169, 241, 255

Trichromacy



Original Color

112, 252, 238



Protanomaly

190, 236, 229



Deuteranomaly

195, 233, 242



Tritanomaly

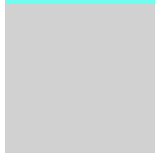
148, 245, 249

Monochromacy



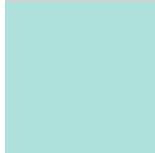
Original Color

112, 252, 238



Achromatopsia

209, 209, 209



Achromatomaly

174, 225, 220

CSS Examples

Text

The CSS property to change the color of the text to RGB 112, 252, 238 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, 252, 238)` looks like.

```
.text, #text, p{  
    color:rgb(112, 252, 238)  
}
```

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, 252, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 252, 238) }
```

Border

The CSS property to change the border of an element to RGB 112, 252, 238 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, 252, 238) }
```

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

```
.border{ border-color:rgb(112, 252, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 252, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 252, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 252, 238);  
box-shadow:4px 4px 4px 4px rgb(112, 252,  
238) }
```

Background

The CSS property to change the background color of an element to RGB 112, 252, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 252, 238) }
```

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

```
.background{ background-color: rgb(112,  
252, 238) }
```

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