

Converting Colors

RGB(113, 244, 215)

Have a look what the booklet for
RGB(113, 244, 215) contains.

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Color

RGB(113, 244, 215)

Conversions

Conversions Part 1

Format	Color
Hex	71F4D7
RGB	113, 244, 215
RGB Percent	44%, 96%, 84%
CMY	0.5569, 0.0431, 0.1569
CMYK	0.54, 0.00, 0.12, 0.04
HSL	167°, 86%, 70%
HSV	167°, 54%, 96%
XYZ	51.4265, 73.1184, 75.6928
YIQ	201.5250, -68.7670, -36.7910

Conversions

Conversions Part 2

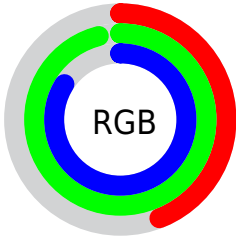
Format	Color
R _{YB}	113, 187, 244
Decimal	7468247
CIE Lab	88.50, -43.02, 3.01
CIE LCh	89, 43.124, 176.001
Yxy	73.1184, 0.2568, 0.3652
Android (android.graphics.Color)	4285658327 (0xFF71F4D7)
YUV	201.5250, 6.6432, -77.6364
Hunter-Lab	85.5093, -42.2889, 7.3730

Details

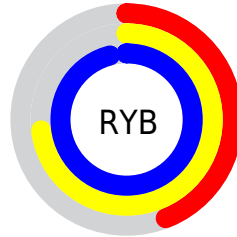
The RGB color **113, 244, 215** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **244, 113, 142**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **173, 255, 255**, and **44, 187, 160** is the 20% darker color. If you saturate the color by 10%, you get **89, 244, 210**, and if you desaturate by 10%, it is **137, 244, 220**.

Distribution



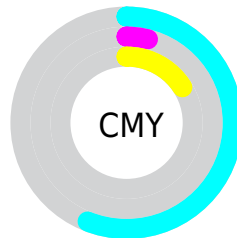
- Red (44%)
- Green (96%)
- Blue (84%)



- Red (44%)
- Yellow (73%)
- Blue (96%)



- Cyan (54%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (56%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 113, 244, 215 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 113, 244, 215 by changing the saturation by 10% instead.

 113, 244, 215

255, 255, 255


 173, 255, 255

 203, 255, 255

 234, 255, 255

 113, 244, 215

 81, 215, 187

 44, 187, 160

 0, 160, 134

 0, 133, 109

 0, 107, 85

 0, 82, 62

 0, 58, 40

 0, 36, 19

 0, 0, 0

 113, 244, 215

 113, 244, 215

 89, 244, 210

 137, 244, 220


 64, 244, 204

 162, 244, 226

 40, 244, 199

 186, 244, 231

 15, 244, 193

 211, 244, 237

 0, 244, 190

 235, 244, 242

 255, 244, 247

 255, 244, 253

 255, 244, 255

Harmonies

Analogous

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



165, 240, 175



113, 244, 215



69, 244, 255

Triad

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



113, 244, 215



219, 214, 255



255, 204, 155

Complementary

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



113, 244, 215



244, 113, 142

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, 193, 188



113, 244, 215



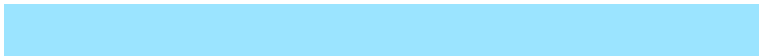
255, 199, 255

Square

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



113, 244, 215



155, 228, 255



255, 191, 229



255, 218, 140

Rectangle

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



113, 244, 215



74, 241, 255



255, 191, 229



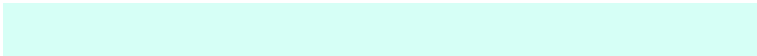
255, 199, 165

Sweetspot

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



113, 244, 215



214, 255, 246



144, 244, 113



103, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



113, 244, 215



92, 255, 219



113, 209, 244



110, 122, 120



0, 186, 145



0, 59, 46

Inverse Universe

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



244, 113, 142



255, 92, 128



244, 148, 113



122, 110, 113



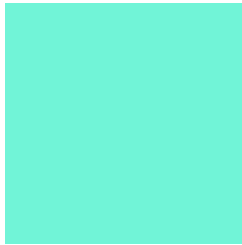
186, 0, 41



59, 0, 13

Previews

White Background



This preview shows how the RGB color 113, 244, 215 looks on a white background.

Color Contrast Check

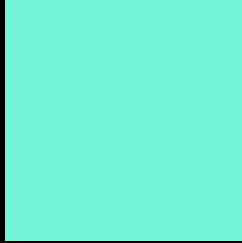
Large Text (above 18pt) WCAG AA × Fail

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 113, 244, 215 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 113, 244, 215 Background



This preview shows how black text looks on a background with the RGB color 113, 244, 215.

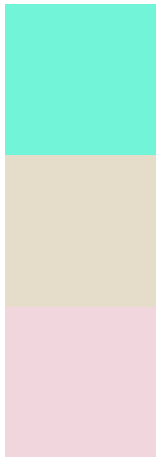


This preview shows how white text looks on a background with the RGB color 113, 244, 215.

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](#).

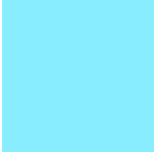
Dichromacy



Original Color
113, 244, 215

Protanopia
229, 220, 202

Deuteranopia
241, 214, 222



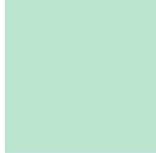
Tritanopia
135, 237, 255

Trichromacy



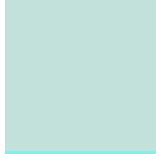
Original Color

113, 244, 215



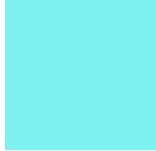
Protanomaly

187, 229, 207



Deuteranomaly

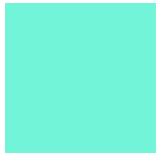
194, 225, 219



Tritanomaly

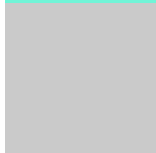
127, 240, 240

Monochromacy



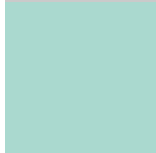
Original Color

113, 244, 215



Achromatopsia

202, 202, 202



Achromatomaly

170, 217, 207

CSS Examples

Text

The CSS property to change the color of the text to RGB 113, 244, 215 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(113, 244, 215)` looks like.

```
.text, #text, p{  
  color:rgb(113, 244, 215)  
}
```

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(113, 244, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 244, 215) }
```

Border

The CSS property to change the border of an element to RGB 113, 244, 215 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(113, 244, 215) }
```

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

```
.border{ border-color:rgb(113, 244, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 244, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 244, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 244, 215);  
box-shadow:4px 4px 4px 4px rgb(113, 244,  
215) }
```

Background

The CSS property to change the background color of an element to RGB 113, 244, 215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 244, 215) }
```

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

```
.background{ background-color: rgb(113,  
244, 215) }
```

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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