

Converting Colors

RGB(115, 238, 200)

Have a look what the booklet for
RGB(115, 238, 200) contains.

RGB(115, 238, 200)	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(115, 238, 200)

Conversions

Conversions Part 1

Format	Color
Hex	73EEC8
RGB	115, 238, 200
RGB Percent	45%, 93%, 78%
CMY	0.5490, 0.0667, 0.2157
CMYK	0.52, 0.00, 0.16, 0.07
HSL	161°, 78%, 69%
HSV	161°, 52%, 93%
XYZ	48.0701, 68.9640, 65.4214
YIQ	196.8910, -61.1100, -37.8940

Conversions

Conversions Part 2

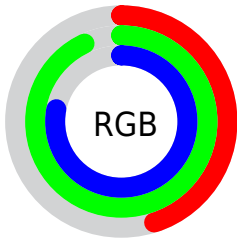
Format	Color
RYB	115, 188, 238
Decimal	7597768
CIELab	86.49, -43.39, 7.94
CIElCh	86, 44.105, 169.635
Yxy	68.9640, 0.2635, 0.3780
Android (android.graphics.Color)	4285787848 (0xFF73EEC8)
YUV	196.8910, 1.5327, -71.8184
Hunter-Lab	83.0446, -42.0039, 11.4233

Details

The RGB color **115, 238, 200** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **238, 115, 153**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **174, 255, 255**, and **50, 181, 146** is the 20% darker color. If you saturate the color by 10%, you get **91, 238, 193**, and if you desaturate by 10%, it is **139, 238, 207**.

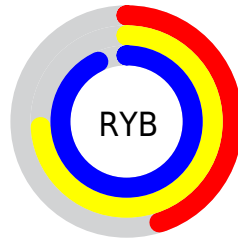
Distribution



Red (45%)

Green (93%)

Blue (78%)



Red (45%)

Yellow (74%)

Blue (93%)

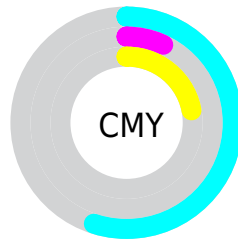


Cyan (52%)

Magenta (0%)

Yellow (16%)

Black (7%)



Cyan (55%)

Magenta (7%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 115, 238, 200 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 115, 238, 200 by changing the saturation by 10% instead.


 115, 238, 200

 115, 238, 200

255, 255, 255

 84, 209, 173


 174, 255, 255


 50, 181, 146

 204, 255, 255

 0, 154, 120

 234, 255, 255

 0, 127, 96

 0, 102, 72

 0, 77, 49

 0, 53, 28

 0, 31, 3

 0, 0, 0

 115, 238, 200

 115, 238, 200

 91, 238, 193

 139, 238, 207

 67, 238, 185

 163, 238, 215

 44, 238, 178

 186, 238, 222

 20, 238, 171

 210, 238, 229

 0, 238, 164

 234, 238, 237

 255, 238, 244

 255, 238, 251

 255, 238, 255

Harmonies

Analogous

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



169, 233, 161



115, 238, 200



58, 239, 243

Triad

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



115, 238, 200



200, 211, 255



255, 195, 154

Complementary

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



115, 238, 200



238, 115, 153

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, 185, 190



115, 238, 200



255, 196, 255

Square

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



115, 238, 200



131, 225, 255



255, 185, 233



255, 209, 134

Rectangle

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



115, 238, 200



46, 236, 255



255, 185, 233



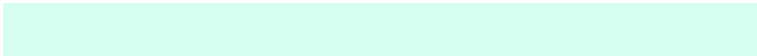
255, 191, 165

Sweetspot

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



115, 238, 200



214, 255, 242



154, 238, 115



103, 128, 120



0, 0, 0



128, 128, 128

Same Dimension

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



115, 238, 200



97, 255, 206



115, 215, 238



108, 120, 116



0, 184, 127



0, 56, 39

Inverse Universe

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



238, 115, 153



255, 97, 146



238, 138, 115



120, 108, 112



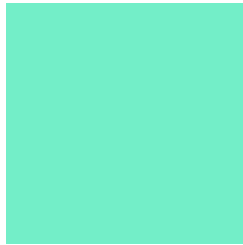
184, 0, 57



56, 0, 17

Previews

White Background



This preview shows how the RGB color 115, 238, 200 looks on a white background.

Color Contrast Check

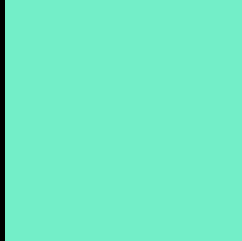
Large Text (above 18pt) WCAG AA × Fail

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 115, 238, 200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

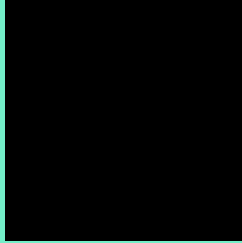
Any Text WCAG AA ✓ Pass

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 115, 238, 200 Background



This preview shows how black text looks on a background with the RGB color 115, 238, 200.

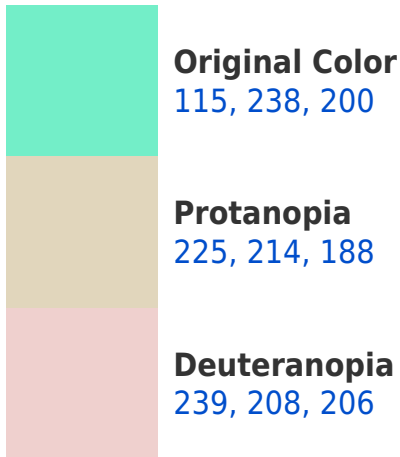


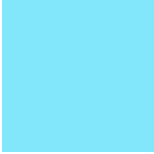
This preview shows how white text looks on a background with the RGB color 115, 238, 200.

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
130, 231, 250

Trichromacy



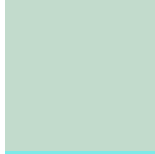
Original Color

115, 238, 200



Protanomaly

185, 223, 192



Deuteranomaly

194, 219, 204



Tritanomaly

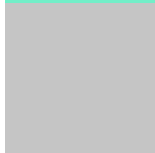
125, 234, 232

Monochromacy



Original Color

115, 238, 200



Achromatopsia

197, 197, 197



Achromatomaly

167, 212, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 115, 238, 200 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(115, 238, 200)` looks like.

```
.text, #text, p{  
    color:rgb(115, 238, 200)  
}
```

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(115, 238, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 238, 200) }
```

Border

The CSS property to change the border of an element to RGB 115, 238, 200 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(115, 238, 200) }
```

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

```
.border{ border-color:rgb(115, 238, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 238, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 238, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 238, 200);  
box-shadow:4px 4px 4px 4px rgb(115, 238,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 115, 238, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 238, 200) }
```

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

```
.background{ background-color: rgb(115,  
238, 200) }
```

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