

Converting Colors

RGB(119, 225, 200)

Have a look what the booklet for
RGB(119, 225, 200) contains.

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Color

RGB(119, 225, 200)

Conversions

Conversions Part 1

Format	Color
Hex	77E1C8
RGB	119, 225, 200
RGB Percent	47%, 88%, 78%
CMY	0.5333, 0.1176, 0.2157
CMYK	0.47, 0.00, 0.11, 0.12
HSL	166°, 64%, 67%
HSV	166°, 47%, 88%
XYZ	44.9583, 61.9425, 64.2301
YIQ	190.4560, -55.1510, -30.2470

Conversions

Conversions Part 2

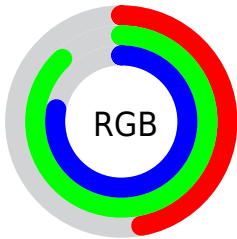
Format	Color
RYB	119, 179, 225
Decimal	7856584
CIELab	82.88, -36.64, 2.75
CIElCh	83, 36.745, 175.703
Yxy	61.9425, 0.2627, 0.3620
Android (android.graphics.Color)	4286046664 (0xFF77E1C8)
YUV	190.4560, 4.7052, -62.6669
Hunter-Lab	78.7036, -35.7656, 6.7058

Details

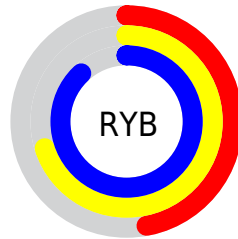
The RGB color **119, 225, 200** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **225, 119, 144**, and the grayscale version is **190, 190, 190**.

A 20% lighter version of the original color is **177, 255, 255**, and **59, 169, 146** is the 20% darker color. If you saturate the color by 10%, you get **97, 225, 195**, and if you desaturate by 10%, it is **142, 225, 205**.

Distribution



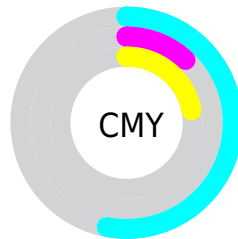
- Red (47%)
- Green (88%)
- Blue (78%)



- Red (47%)
- Yellow (70%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)


















- Cyan (53%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 225, 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 119, 225, 200 by changing the saturation by 10% instead.

 119, 225, 200	 119, 225, 200
 255, 255, 255	 90, 197, 173
 177, 255, 255	 59, 169, 146
 206, 255, 255	 19, 142, 120
 236, 255, 255	 0, 116, 96
	 0, 91, 72
	 0, 67, 50
	 0, 44, 29
	 0, 18, 3
	 0, 0, 0

 119, 225, 200

 119, 225, 200

 97, 225, 195

 142, 225, 205

 74, 225, 189

 164, 225, 211

 51, 225, 184

 187, 225, 216

 29, 225, 179

 209, 225, 221

 6, 225, 173

 232, 225, 227

 0, 225, 172

 254, 225, 232

 255, 225, 237

 255, 225, 242

 255, 225, 248

Harmonies

Analogous

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



159, 221, 166



119, 225, 200



91, 225, 235

Triad

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



119, 225, 200



204, 199, 255



255, 191, 151

Complementary

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



119, 225, 200



225, 119, 144

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, 182, 178



119, 225, 200



246, 188, 246

Square

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



119, 225, 200



152, 211, 255



255, 181, 213



235, 202, 137

Rectangle

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



119, 225, 200



95, 222, 255



255, 181, 213



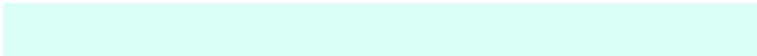
255, 187, 158

Sweetspot

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



119, 225, 200



219, 255, 247



146, 225, 119



106, 128, 122



0, 0, 0



128, 128, 128

Same Dimension

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



119, 225, 200



110, 255, 221



119, 199, 225



101, 112, 110



0, 176, 134



0, 48, 37

Inverse Universe

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



225, 119, 144



255, 110, 144



225, 146, 119



112, 101, 104



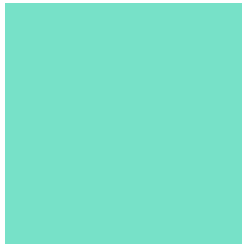
176, 0, 41



48, 0, 11

Previews

White Background



This preview shows how the RGB color 119, 225, 200 looks on a white background.

Color Contrast Check

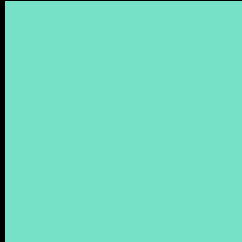
Large Text (above 18pt) WCAG AA × Fail

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 119, 225, 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

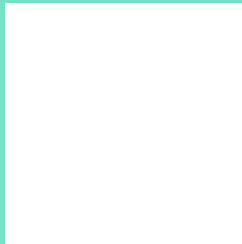
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 119, 225, 200 Background



This preview shows how black text looks on a background with the RGB color 119, 225, 200.

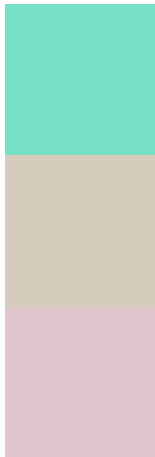


This preview shows how white text looks on a background with the RGB color 119, 225, 200.

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



Original Color
119, 225, 200

Protanopia
213, 204, 189

Deuteranopia
224, 199, 206



Tritanopia
130, 220, 237

Trichromacy



Original Color

119, 225, 200



Protanomaly

179, 212, 193



Deuteranomaly

186, 208, 204



Tritanomaly

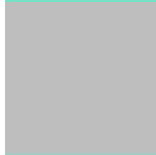
126, 222, 224

Monochromacy



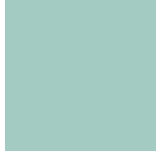
Original Color

119, 225, 200



Achromatopsia

190, 190, 190



Achromatomaly

164, 203, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 225, 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(119, 225, 200)` looks like.

```
.text, #text, p{  
    color:rgb(119, 225, 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(119, 225, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 225, 200) }
```

Border

The CSS property to change the border of an element to RGB 119, 225, 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(119, 225, 200) }
```

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

```
.border{ border-color:rgb(119, 225, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 225, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 225, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 225, 200);  
box-shadow:4px 4px 4px 4px rgb(119, 225,  
200) }
```

Background

The CSS property to change the background color of an element to RGB 119, 225, 200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 225, 200) }
```

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

```
.background{ background-color: rgb(119,  
225, 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](#).

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