

Converting Colors

RGB(119, 224, 210)

Have a look what the booklet for
RGB(119, 224, 210) contains.

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Color

RGB(119, 224, 210)

Conversions

Conversions Part 1

Format	Color
Hex	77E0D2
RGB	119, 224, 210
RGB Percent	47%, 88%, 82%
CMY	0.5333, 0.1216, 0.1765
CMYK	0.47, 0.00, 0.06, 0.12
HSL	172°, 63%, 67%
HSV	172°, 47%, 88%
XYZ	45.8963, 61.8864, 70.4990
YIQ	191.0090, -58.0860, -26.6140

Conversions

Conversions Part 2

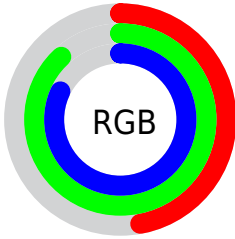
Format	Color
RYB	119, 175, 224
Decimal	7856338
CIELab	82.85, -33.82, -2.59
CIELCh	83, 33.921, 184.374
Yxy	61.8864, 0.2574, 0.3471
Android (android.graphics.Color)	4286046418 (0xFF77E0D2)
YUV	191.0090, 9.3626, -63.1519
Hunter-Lab	78.6679, -33.5287, 1.9342

Details

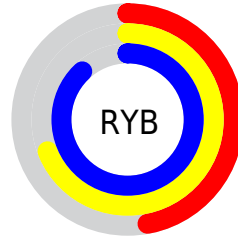
The RGB color **119, 224, 210** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **224, 119, 133**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **177, 255, 255**, and **59, 168, 156** is the 20% darker color. If you saturate the color by 10%, you get **97, 224, 207**, and if you desaturate by 10%, it is **141, 224, 213**.

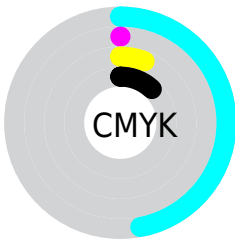
Distribution



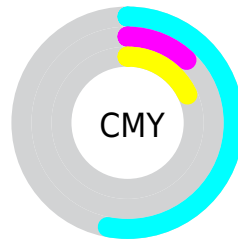
- Red (47%)
- Green (88%)
- Blue (82%)



- Red (47%)
- Yellow (69%)
- Blue (88%)



- Cyan (47%)
- Magenta (0%)
- Yellow (6%)
- Black (12%)



- Cyan (53%)
- Magenta (12%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 119, 224, 210 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, 224, 210 by changing the saturation by 10% instead.

 119, 224, 210


255, 255, 255


 177, 255, 255


 206, 255, 255


 236, 255, 255

 119, 224, 210

 90, 196, 182

 59, 168, 156


 17, 141, 130

 0, 116, 105

 0, 90, 80

 0, 66, 58

 0, 43, 36

 0, 18, 15

 0, 0, 0

■ 119, 224, 210

■ 119, 224, 210

■ 97, 224, 207

■ 141, 224, 213

■ 74, 224, 204

■ 164, 224, 216

■ 52, 224, 201

■ 186, 224, 219

■ 29, 224, 198

■ 209, 224, 222

■ 7, 224, 195

■ 231, 224, 225

■ 0, 224, 194

■ 253, 224, 228

■ 255, 224, 231

■ 255, 224, 234

■ 255, 224, 237

Harmonies

Analogous

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



153, 221, 178



119, 224, 210



105, 223, 241

Triad

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



119, 224, 210



217, 196, 255



252, 195, 150

Complementary

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



119, 224, 210



224, 119, 133

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, 186, 172



119, 224, 210



251, 187, 234

Square

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



119, 224, 210



172, 208, 255



255, 183, 203



224, 206, 143

Rectangle

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



119, 224, 210



116, 219, 255



255, 183, 203



255, 192, 156

Sweetspot

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



119, 224, 210



219, 255, 250



133, 224, 119



106, 128, 125



0, 0, 0



128, 128, 128

Same Dimension

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



119, 224, 210



112, 255, 236



119, 186, 224



101, 112, 111



0, 176, 152



0, 48, 42

Inverse Universe

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



224, 119, 133



255, 112, 131



224, 158, 119



112, 101, 102



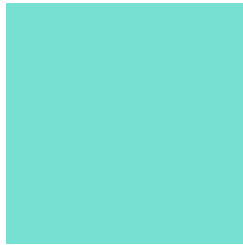
176, 0, 23



48, 0, 6

Previews

White Background



This preview shows how the RGB color 119, 224, 210 looks on a white background.

Color Contrast Check

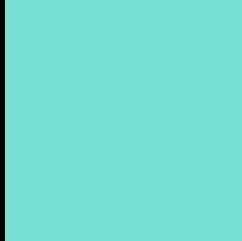
Large Text (above 18pt) WCAG AA × Fail

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, 224, 210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

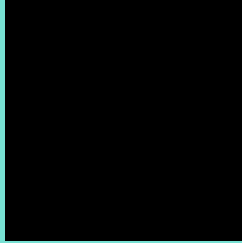
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

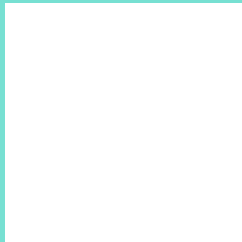
Any Text WCAG AAA ✓ Pass

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

RGB 119, 224, 210 Background



This preview shows how black text looks on a background with the RGB color 119, 224, 210.

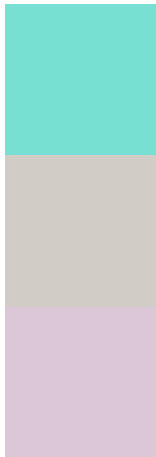


This preview shows how white text looks on a background with the RGB color 119, 224, 210.

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, 224, 210

Protanopia
210, 204, 199

Deuteranopia
220, 199, 215



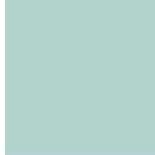
Tritanopia
127, 220, 238

Trichromacy



Original Color

119, 224, 210



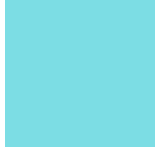
Protanomaly

177, 211, 203



Deuteranomaly

183, 208, 213



Tritanomaly

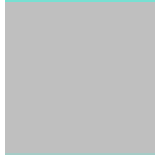
124, 221, 228

Monochromacy



Original Color

119, 224, 210



Achromatopsia

191, 191, 191



Achromatomaly

165, 203, 198

CSS Examples

Text

The CSS property to change the color of the text to RGB 119, 224, 210 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, 224, 210)` looks like.

```
.text, #text, p{  
    color:rgb(119, 224, 210)  
}
```

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, 224, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 224, 210) }
```

Border

The CSS property to change the border of an element to RGB 119, 224, 210 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, 224, 210) }
```

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

```
.border{ border-color:rgb(119, 224, 210) }
```

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

Here you see how a box with a 4 pixel rgb(119, 224, 210) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 224, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 224, 210);  
box-shadow:4px 4px 4px 4px rgb(119, 224,  
210) }
```

Background

The CSS property to change the background color of an element to RGB 119, 224, 210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 224, 210) }
```

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

```
.background{ background-color: rgb(119,  
224, 210) }
```

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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