

# Converting Colors

RGB(120, 224, 209)

Have a look what the booklet for  
RGB(120, 224, 209) contains.

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# **Color**

**RGB(120, 224, 209)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78E0D1
RGB	120, 224, 209
RGB Percent	47%, 88%, 82%
CMY	0.5294, 0.1216, 0.1804
CMYK	0.46, 0.00, 0.07, 0.12
HSL	171°, 63%, 67%
HSV	171°, 46%, 88%
XYZ	45.9100, 61.9078, 69.8513
YIQ	191.1940, -57.1690, -26.7130

# Conversions

## Conversions Part 2

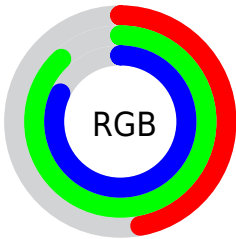
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	120, 176, 224
Decimal	7921873
CIE Lab	82.86, -33.83, -2.04
CIE LCh	83, 33.894, 183.444
Yxy	61.9078, 0.2584, 0.3484
Android (android.graphics.Color)	4286111953 (0xFF78E0D1)
YUV	191.1940, 8.7784, -62.4371
Hunter-Lab	78.6815, -33.5394, 2.4410

# Details

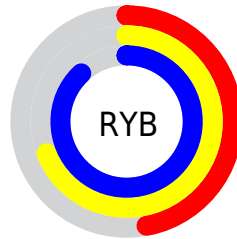
The RGB color **120, 224, 209** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **224, 120, 135**, and the grayscale version is **191, 191, 191**.

A 20% lighter version of the original color is **178, 255, 255**, and **60, 168, 155** is the 20% darker color. If you saturate the color by 10%, you get **98, 224, 206**, and if you desaturate by 10%, it is **142, 224, 212**.

# Distribution



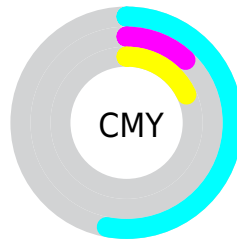
- Red (47%)
- Green (88%)
- Blue (82%)



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



- Cyan (46%)
- Magenta (0%)
- Yellow (7%)
- Black (12%)



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

# Brightness & Saturation Gradients

These gradients show how the RGB color 120, 224, 209 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 120, 224, 209 by changing the saturation by 10% instead.



 120, 224, 209


255, 255, 255

 178, 255, 255


 207, 255, 255


 237, 255, 255

 120, 224, 209


 91, 196, 181

 60, 168, 155


 20, 141, 129

 0, 116, 104

 0, 90, 80

 0, 66, 57

 0, 43, 35

 0, 18, 14

 0, 0, 0

 120, 224, 209

 120, 224, 209

 98, 224, 206

 142, 224, 212

 75, 224, 203

 165, 224, 215

 53, 224, 199

 187, 224, 219

 30, 224, 196

 210, 224, 222

 8, 224, 193

 232, 224, 225

 0, 224, 192

 254, 224, 228

 255, 224, 232

 255, 224, 235

 255, 224, 238

# Harmonies

## Analogous

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



154, 221, 177



120, 224, 209



105, 223, 240

# Triad

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



120, 224, 209



216, 197, 255



253, 195, 150

# Complementary

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



120, 224, 209



224, 120, 135

# 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, 173



120, 224, 209



250, 187, 235

# Square

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



120, 224, 209



170, 208, 255



255, 183, 204



225, 205, 143

# Rectangle

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



120, 224, 209



115, 220, 255



255, 183, 204



255, 191, 156

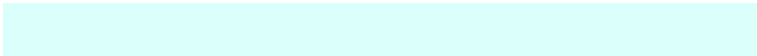


# Sweetspot

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



120, 224, 209



219, 255, 250



136, 224, 120



106, 128, 124



0, 0, 0



128, 128, 128



# Same Dimension

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



120, 224, 209



112, 255, 234



120, 188, 224



101, 112, 111



0, 176, 151



0, 48, 41



# Inverse Universe

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



224, 120, 135



255, 112, 133



224, 156, 120



112, 101, 103



176, 0, 25

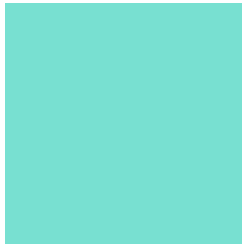


48, 0, 7



# Previews

## White Background



This preview shows how the RGB color 120, 224, 209 looks on a white background.

## Color Contrast Check

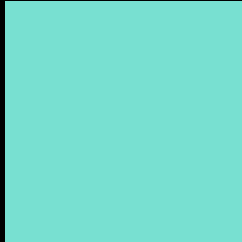
Large Text (above 18pt) WCAG AA × Fail

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 120, 224, 209 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

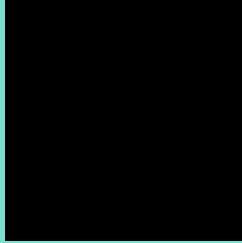
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

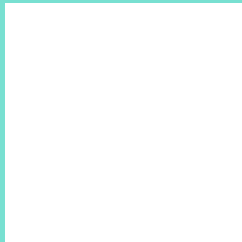
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 120, 224, 209 Background



This preview shows how black text looks on a background with the RGB color 120, 224, 209.



This preview shows how white text looks on a background with the RGB color 120, 224, 209.

# 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**  
128, 220, 238

# Trichromacy



**Original Color**

120, 224, 209



**Protanomaly**

177, 211, 202



**Deuteranomaly**

184, 208, 212



**Tritanomaly**

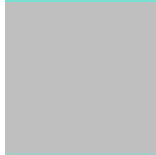
125, 221, 227

# Monochromacy



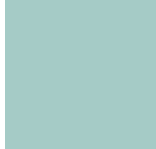
**Original Color**

120, 224, 209



**Achromatopsia**

191, 191, 191



**Achromatomaly**

165, 203, 198

# CSS Examples

## Text

The CSS property to change the color of the text to RGB 120, 224, 209 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(120, 224, 209)` looks like.

```
.text, #text, p{  
    color:rgb(120, 224, 209)  
}
```

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(120, 224, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 224, 209) }
```

## Border

The CSS property to change the border of an element to RGB 120, 224, 209 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(120, 224, 209) }
```

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

```
.border{ border-color:rgb(120, 224, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 224, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 224, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 224, 209);  
box-shadow:4px 4px 4px 4px rgb(120, 224,  
209) }
```

# Background

The CSS property to change the background color of an element to RGB 120, 224, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 224, 209) }
```

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

```
.background{ background-color: rgb(120,  
224, 209) }
```

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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