

Converting Colors

RGB(129, 224, 216)

Have a look what the booklet for
RGB(129, 224, 216) contains.

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Color

RGB(129, 224, 216)

Conversions

Conversions Part 1

Format	Color
Hex	81E0D8
RGB	129, 224, 216
RGB Percent	51%, 88%, 85%
CMY	0.4941, 0.1216, 0.1529
CMYK	0.42, 0.00, 0.04, 0.12
HSL	175°, 61%, 69%
HSV	175°, 42%, 88%
XYZ	48.1036, 62.9363, 74.5783
YIQ	194.6830, -54.0520, -22.6280

Conversions

Conversions Part 2

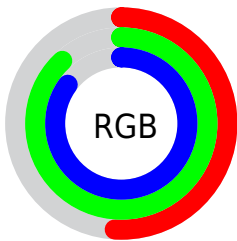
Format	Color
RYB	129, 179, 224
Decimal	8511704
CIELab	83.41, -30.03, -4.90
CIElCh	83, 30.426, 189.274
Yxy	62.9363, 0.2592, 0.3391
Android (android.graphics.Color)	4286701784 (0xFF81E0D8)
YUV	194.6830, 10.5093, -57.6040
Hunter-Lab	79.3324, -30.5974, -0.2043

Details

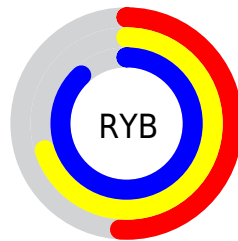
The RGB color **129, 224, 216** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **224, 129, 137**, and the grayscale version is **195, 195, 195**.

A 20% lighter version of the original color is **186, 255, 255**, and **71, 168, 161** is the 20% darker color. If you saturate the color by 10%, you get **107, 224, 214**, and if you desaturate by 10%, it is **151, 224, 218**.

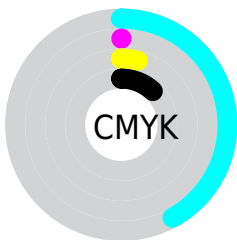
Distribution



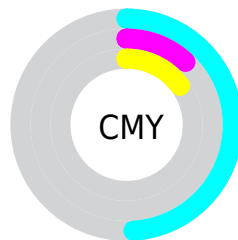
- Red (51%)
- Green (88%)
- Blue (85%)



- Red (51%)
- Yellow (70%)
- Blue (88%)



- Cyan (42%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)



- Cyan (49%)
- Magenta (12%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 224, 216 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 129, 224, 216 by changing the saturation by 10% instead.

 129, 224, 216


255, 255, 255


 186, 255, 255


 216, 255, 255


 245, 255, 255

 129, 224, 216

 100, 196, 188

 71, 168, 161

 39, 142, 135

 0, 116, 110

 0, 91, 86

 0, 67, 62

 0, 44, 41

 0, 21, 20

 0, 0, 0

■ 129, 224, 216

■ 129, 224, 216

■ 107, 224, 214

■ 151, 224, 218

■ 84, 224, 212

■ 174, 224, 220

■ 62, 224, 210

■ 196, 224, 222

■ 39, 224, 208

■ 219, 224, 224

■ 17, 224, 207

■ 241, 224, 225

■ 0, 224, 205

■ 255, 224, 227

■ 255, 224, 229

■ 255, 224, 231

■ 255, 224, 233

Harmonies

Analogous

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



155, 222, 187



129, 224, 216



123, 222, 243

Triad

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



129, 224, 216



223, 197, 252



246, 199, 155

Complementary

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



129, 224, 216



224, 129, 137

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, 191, 173



129, 224, 216



252, 189, 229

Square

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



129, 224, 216



185, 207, 255



255, 187, 200



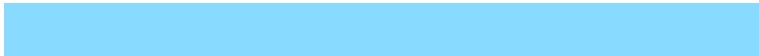
220, 209, 151

Rectangle

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



129, 224, 216



136, 219, 255



255, 187, 200



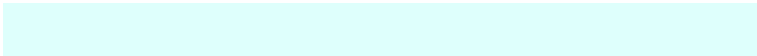
253, 196, 160

Sweetspot

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



129, 224, 216



222, 255, 252



139, 224, 129



107, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



129, 224, 216



125, 255, 244



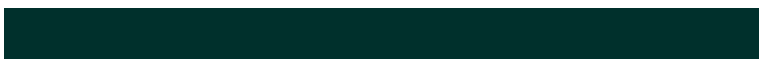
129, 186, 224



101, 112, 111



0, 176, 161



0, 48, 44

Inverse Universe

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



224, 129, 137



255, 125, 136



224, 167, 129



112, 101, 102



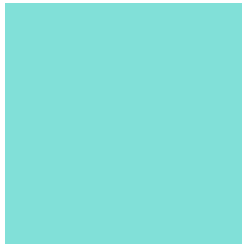
176, 0, 15



48, 0, 4

Previews

White Background



This preview shows how the RGB color 129, 224, 216 looks on a white background.

Color Contrast Check

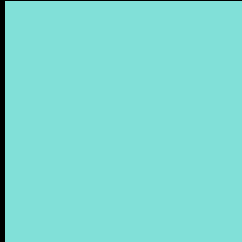
Large Text (above 18pt) WCAG AA × Fail

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 129, 224, 216 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

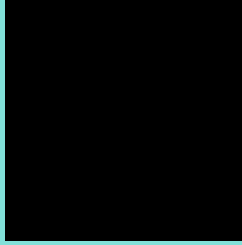
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

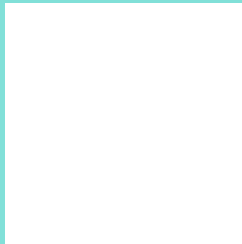
Any Text WCAG AAA ✓ Pass

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

RGB 129, 224, 216 Background



This preview shows how black text looks on a background with the RGB color 129, 224, 216.

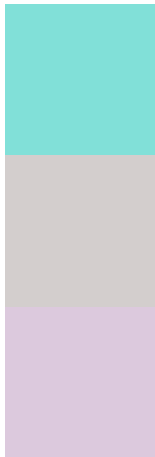


This preview shows how white text looks on a background with the RGB color 129, 224, 216.

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
129, 224, 216

Protanopia
211, 206, 205

Deuteranopia
220, 201, 221



Tritanopia
135, 221, 238

Trichromacy



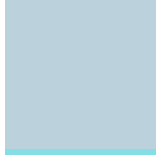
Original Color

129, 224, 216



Protanomaly

181, 213, 209



Deuteranomaly

187, 209, 219



Tritanomaly

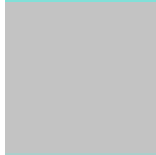
133, 222, 230

Monochromacy



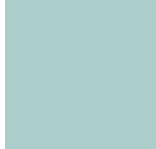
Original Color

129, 224, 216



Achromatopsia

195, 195, 195



Achromatomaly

171, 206, 203

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 224, 216 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(129, 224, 216)` looks like.

```
.text, #text, p{  
    color:rgb(129, 224, 216)  
}
```

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(129, 224, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 224, 216) }
```

Border

The CSS property to change the border of an element to RGB 129, 224, 216 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(129, 224, 216) }
```

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

```
.border{ border-color:rgb(129, 224, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 224, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 224, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 224, 216);  
box-shadow:4px 4px 4px 4px rgb(129, 224,  
216) }
```

Background

The CSS property to change the background color of an element to RGB 129, 224, 216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 224, 216) }
```

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

```
.background{ background-color: rgb(129,  
224, 216) }
```

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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