

Converting Colors

RGB(131, 229, 209)

Have a look what the booklet for
RGB(131, 229, 209) contains.

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Color

RGB(131, 229, 209)

Conversions

Conversions Part 1

Format	Color
Hex	83E5D1
RGB	131, 229, 209
RGB Percent	51%, 90%, 82%
CMY	0.4863, 0.1020, 0.1804
CMYK	0.43, 0.00, 0.09, 0.10
HSL	168°, 65%, 71%
HSV	168°, 43%, 90%
XYZ	48.8880, 65.4674, 70.3814
YIQ	197.4180, -51.9880, -26.9960

Conversions

Conversions Part 2

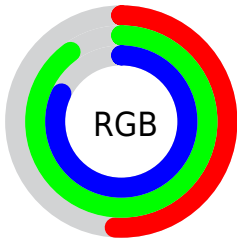
Format	Color
RYB	131, 186, 229
Decimal	8644049
CIELab	84.72, -33.54, 0.74
CIELCh	85, 33.551, 178.744
Yxy	65.4674, 0.2646, 0.3544
Android (android.graphics.Color)	4286834129 (0xFF83E5D1)
YUV	197.4180, 5.7099, -58.2486
Hunter-Lab	80.9119, -33.7439, 5.0648

Details

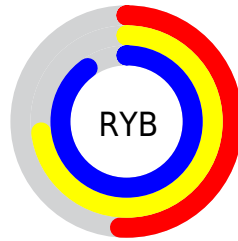
The RGB color **131, 229, 209** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **229, 131, 151**, and the grayscale version is **197, 197, 197**.

A 20% lighter version of the original color is **188, 255, 255**, and **74, 173, 155** is the 20% darker color. If you saturate the color by 10%, you get **108, 229, 204**, and if you desaturate by 10%, it is **154, 229, 214**.

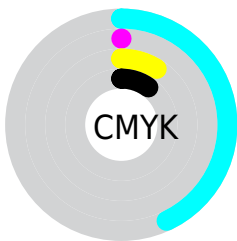
Distribution



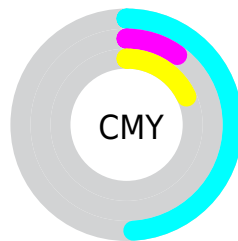
- Red (51%)
- Green (90%)
- Blue (82%)



- Red (51%)
- Yellow (73%)
- Blue (90%)



- Cyan (43%)
- Magenta (0%)
- Yellow (9%)
- Black (10%)



- Cyan (49%)
- Magenta (10%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 229, 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 131, 229, 209 by changing the saturation by 10% instead.


 131, 229, 209

 131, 229, 209


255, 255, 255

 103, 201, 181

 188, 255, 255

 74, 173, 155

 217, 255, 255

 42, 146, 129

 247, 255, 255

 0, 120, 104

 0, 95, 80

 0, 70, 57

 0, 47, 35

 0, 26, 14

 0, 0, 0

 131, 229, 209

 131, 229, 209

 108, 229, 204

 154, 229, 214

 85, 229, 200

 177, 229, 218

 62, 229, 195

 200, 229, 223

 39, 229, 190

 223, 229, 228

 16, 229, 186

 245, 229, 232

 0, 229, 182

 255, 229, 237

 255, 229, 242

 255, 229, 246

 255, 229, 251

Harmonies

Analogous

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



165, 226, 178



131, 229, 209



112, 228, 241

Triad

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



131, 229, 209



214, 204, 255



255, 198, 158

Complementary

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



131, 229, 209



229, 131, 151

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, 190, 183



131, 229, 209



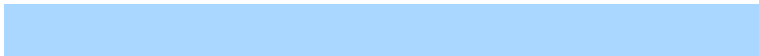
251, 194, 245

Square

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



131, 229, 209



169, 215, 255



255, 188, 214



235, 209, 148

Rectangle

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



131, 229, 209



119, 226, 255



255, 188, 214



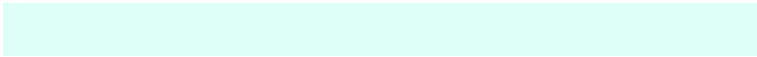
255, 195, 165

Sweetspot

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



131, 229, 209



222, 255, 248



152, 229, 131



107, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



131, 229, 209



125, 255, 228



131, 201, 229



103, 115, 112



0, 179, 142



0, 51, 41

Inverse Universe

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



229, 131, 151



255, 125, 151



229, 159, 131



115, 103, 106



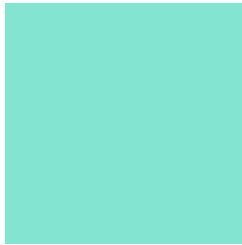
179, 0, 36



51, 0, 10

Previews

White Background



This preview shows how the RGB color 131, 229, 209 looks on a white background.

Color Contrast Check

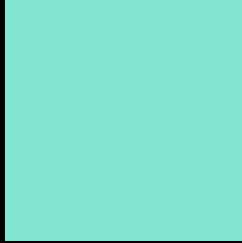
Large Text (above 18pt) WCAG AA × Fail

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 131, 229, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

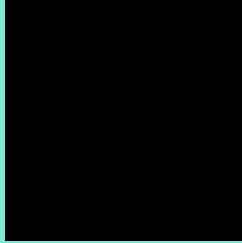
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

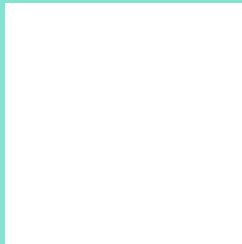
Any Text WCAG AAA ✓ Pass

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

RGB 131, 229, 209 Background



This preview shows how black text looks on a background with the RGB color 131, 229, 209.

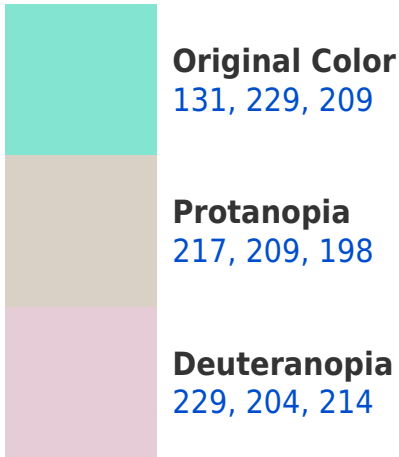


This preview shows how white text looks on a background with the RGB color 131, 229, 209.

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
140, 224, 242

Trichromacy



Original Color

131, 229, 209



Protanomaly

186, 216, 202



Deuteranomaly

193, 213, 212



Tritanomaly

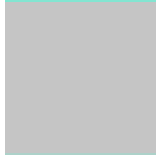
137, 226, 230

Monochromacy



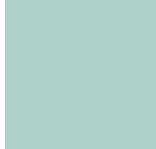
Original Color

131, 229, 209



Achromatopsia

197, 197, 197



Achromatomaly

173, 209, 201

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 229, 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(131, 229, 209)` looks like.

```
.text, #text, p{  
    color:rgb(131, 229, 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(131, 229, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 229, 209) }
```

Border

The CSS property to change the border of an element to RGB 131, 229, 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(131, 229, 209) }
```

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

```
.border{ border-color:rgb(131, 229, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 229, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 229, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 229, 209);  
box-shadow:4px 4px 4px 4px rgb(131, 229,  
209) }
```

Background

The CSS property to change the background color of an element to RGB 131, 229, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 229, 209) }
```

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

```
.background{ background-color: rgb(131,  
229, 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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