

Converting Colors

RGB(131, 204, 214)

Have a look what the booklet for
RGB(131, 204, 214) contains.

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Color

RGB(131, 204, 214)

Conversions

Conversions Part 1

Format	Color
Hex	83CCD6
RGB	131, 204, 214
RGB Percent	51%, 80%, 84%
CMY	0.4863, 0.2000, 0.1608
CMYK	0.39, 0.05, 0.00, 0.16
HSL	187°, 50%, 68%
HSV	187°, 39%, 84%
XYZ	43.0905, 52.8661, 71.5514
YIQ	183.3130, -46.7180, -12.3660

Conversions

Conversions Part 2

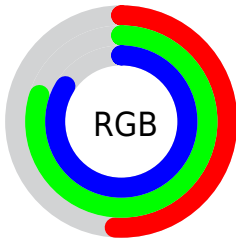
Format	Color
RYB	131, 170, 214
Decimal	8637654
CIELab	77.80, -20.19, -12.16
CIElCh	78, 23.568, 211.070
Yxy	52.8661, 0.2572, 0.3156
Android (android.graphics.Color)	4286827734 (0xFF83CCD6)
YUV	183.3130, 15.1287, -45.8785
Hunter-Lab	72.7091, -21.4540, -7.4497

Details

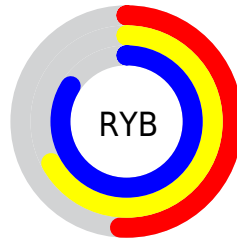
The RGB color **131, 204, 214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **214, 141, 131**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **187, 255, 255**, and **76, 150, 159** is the 20% darker color. If you saturate the color by 10%, you get **110, 201, 214**, and if you desaturate by 10%, it is **152, 207, 214**.

Distribution



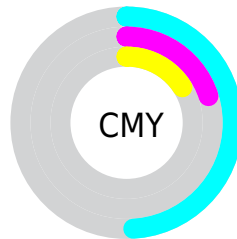
- Red (51%)
- Green (80%)
- Blue (84%)



- Red (51%)
- Yellow (67%)
- Blue (84%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (16%)



- Cyan (49%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 204, 214 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, 204, 214 by changing the saturation by 10% instead.

 131, 204, 214

255, 255, 255


 187, 255, 255


 216, 255, 255

 245, 255, 255

 131, 204, 214

 103, 176, 186

 76, 150, 159

 47, 124, 133

 7, 99, 108

 0, 75, 84

 0, 52, 61

 0, 31, 39

 0, 1, 18


 0, 0, 0

 131, 204, 214


 131, 204, 214

 110, 201, 214


 152, 207, 214

 88, 199, 214


 174, 209, 214

 67, 196, 214

 195, 212, 214

 45, 194, 214

 217, 214, 214

 24, 191, 214

 238, 217, 214

 3, 189, 214

 255, 219, 214

 0, 188, 214

 255, 222, 214

 255, 225, 214

 255, 227, 214

Harmonies

Analogous

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



139, 205, 192



131, 204, 214



142, 200, 230

Triad

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



131, 204, 214



221, 180, 214



208, 191, 149

Complementary

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



131, 204, 214



214, 141, 131

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.



227, 184, 155



131, 204, 214



235, 177, 192

Square

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



131, 204, 214



197, 186, 230



237, 178, 171



184, 198, 155

Rectangle

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



131, 204, 214



158, 196, 235



237, 178, 171



215, 189, 149

Sweetspot

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



131, 204, 214



224, 251, 255



131, 214, 141



110, 125, 128



0, 0, 0



128, 128, 128

Same Dimension

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



131, 204, 214



135, 241, 255



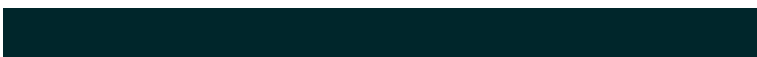
131, 163, 214



96, 106, 107



0, 150, 171



0, 38, 43

Inverse Universe

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



214, 131, 204



255, 135, 241



214, 182, 131



107, 96, 106



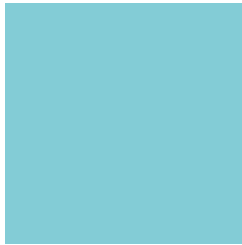
171, 0, 150



43, 0, 38

Previews

White Background



This preview shows how the RGB color 131, 204, 214 looks on a white background.

Color Contrast Check

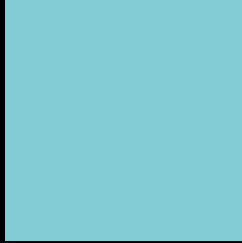
Large Text (above 18pt) WCAG AA × Fail

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, 204, 214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

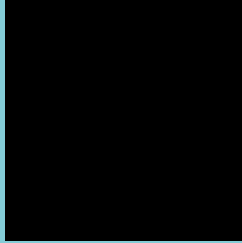
Any Text WCAG AA ✓ Pass

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, 204, 214 Background



This preview shows how black text looks on a background with the RGB color 131, 204, 214.

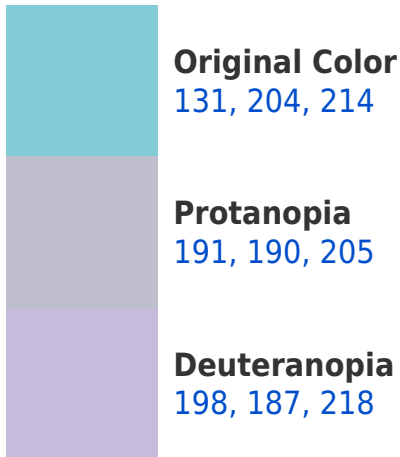


This preview shows how white text looks on a background with the RGB color 131, 204, 214.

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
132, 203, 219

Trichromacy



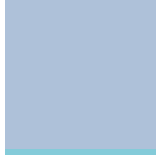
Original Color

131, 204, 214



Protanomaly

169, 195, 208



Deuteranomaly

174, 193, 217



Tritanomaly

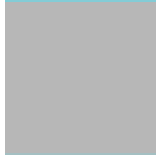
132, 203, 217

Monochromacy



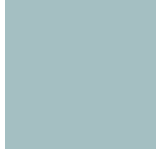
Original Color

131, 204, 214



Achromatopsia

183, 183, 183



Achromatomaly

164, 191, 194

CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 204, 214 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, 204, 214)` looks like.

```
.text, #text, p{  
    color:rgb(131, 204, 214)  
}
```

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, 204, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 204, 214) }
```

Border

The CSS property to change the border of an element to RGB 131, 204, 214 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, 204, 214) }
```

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

```
.border{ border-color:rgb(131, 204, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 204, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 204, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 204, 214);  
box-shadow:4px 4px 4px 4px rgb(131, 204,  
214) }
```

Background

The CSS property to change the background color of an element to RGB 131, 204, 214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 204, 214) }
```

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

```
.background{ background-color: rgb(131,  
204, 214) }
```

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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