

Converting Colors

RGB(129, 206, 209)

Have a look what the booklet for
RGB(129, 206, 209) contains.

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Color

RGB(129, 206, 209)

Conversions

Conversions Part 1

Format	Color
Hex	81CED1
RGB	129, 206, 209
RGB Percent	51%, 81%, 82%
CMY	0.4941, 0.1922, 0.1804
CMYK	0.38, 0.01, 0.00, 0.18
HSL	182°, 47%, 66%
HSV	182°, 38%, 82%
XYZ	42.6332, 53.4132, 68.3844
YIQ	183.3190, -46.8550, -15.3910

Conversions

Conversions Part 2

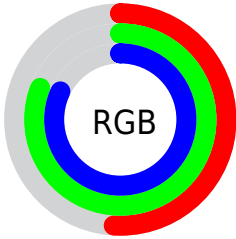
Format	Color
RYB	129, 168, 209
Decimal	8507089
CIELab	78.12, -22.94, -9.00
CIElCh	78, 24.643, 201.427
Yxy	53.4132, 0.2593, 0.3248
Android (android.graphics.Color)	4286697169 (0xFF81CED1)
YUV	183.3190, 12.6607, -47.6378
Hunter-Lab	73.0843, -23.7709, -4.3181

Details

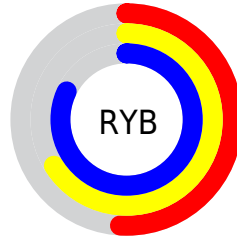
The RGB color **129, 206, 209** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **209, 132, 129**, and the grayscale version is **183, 183, 183**.

A 20% lighter version of the original color is **185, 255, 255**, and **74, 151, 155** is the 20% darker color. If you saturate the color by 10%, you get **108, 205, 209**, and if you desaturate by 10%, it is **150, 207, 209**.

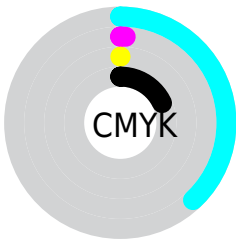
Distribution



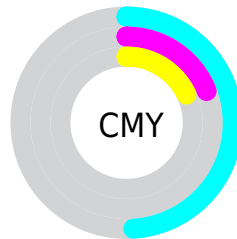
- Red (51%)
- Green (81%)
- Blue (82%)



- Red (51%)
- Yellow (66%)
- Blue (82%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (18%)


















- Cyan (49%)
- Magenta (19%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 206, 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 129, 206, 209 by changing the saturation by 10% instead.

 129, 206, 209	 129, 206, 209
 255, 255, 255	 101, 178, 181
 185, 255, 255	 74, 151, 155
 214, 255, 255	 44, 125, 129
 243, 255, 255	 2, 100, 104
	 0, 76, 80
	 0, 53, 57
	 0, 32, 35
	 0, 1, 14
	 0, 0, 0

■ 129, 206, 209

■ 129, 206, 209

■ 108, 205, 209

■ 150, 207, 209

■ 87, 204, 209

■ 171, 208, 209

■ 66, 204, 209

■ 192, 208, 209

■ 45, 203, 209

■ 213, 209, 209

■ 24, 202, 209

■ 234, 210, 209

■ 4, 201, 209

■ 254, 211, 209

■ 0, 201, 209

■ 255, 211, 209

■ 255, 212, 209

■ 255, 213, 209

Harmonies

Analogous

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



143, 206, 186



129, 206, 209



134, 203, 228

Triad

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



129, 206, 209



216, 182, 222



217, 189, 148

Complementary

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



129, 206, 209



209, 132, 129

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.



234, 182, 158



129, 206, 209



235, 177, 201

Square

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



129, 206, 209



188, 190, 236



240, 177, 177



193, 197, 150

Rectangle

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



129, 206, 209



148, 199, 236



240, 177, 177



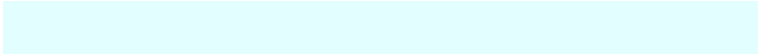
223, 187, 150

Sweetspot

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



129, 206, 209



227, 254, 255



129, 209, 132



111, 127, 128



0, 0, 0



128, 128, 128

Same Dimension

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



129, 206, 209



138, 251, 255



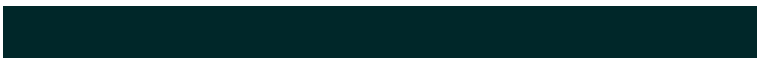
129, 166, 209



94, 104, 105



0, 162, 168



0, 39, 41

Inverse Universe

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



209, 129, 206



255, 138, 251



209, 172, 129



105, 94, 104



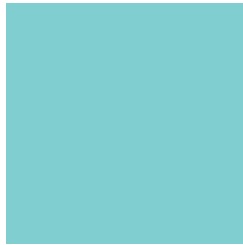
168, 0, 162



41, 0, 39

Previews

White Background



This preview shows how the RGB color 129, 206, 209 looks on a white background.

Color Contrast Check

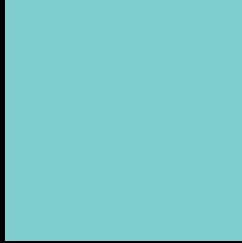
Large Text (above 18pt) WCAG AA × Fail

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 129, 206, 209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

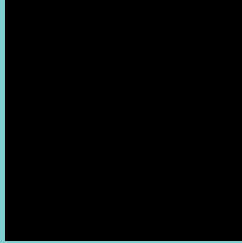
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

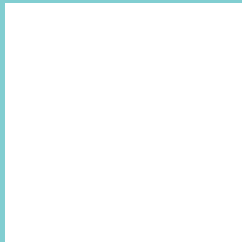
Any Text WCAG AAA ✓ Pass

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

RGB 129, 206, 209 Background



This preview shows how black text looks on a background with the RGB color 129, 206, 209.

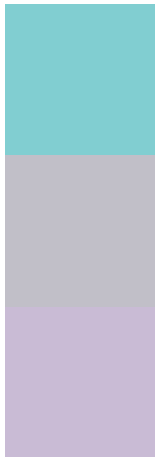


This preview shows how white text looks on a background with the RGB color 129, 206, 209.

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



Original Color
129, 206, 209

Protanopia
193, 191, 200

Deuteranopia
201, 187, 213



Tritanopia
132, 204, 221

Trichromacy



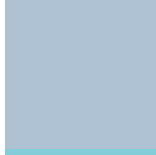
Original Color

129, 206, 209



Protanomaly

170, 196, 203



Deuteranomaly

175, 194, 212



Tritanomaly

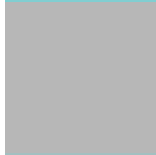
131, 205, 217

Monochromacy



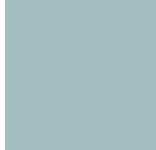
Original Color

129, 206, 209



Achromatopsia

183, 183, 183



Achromatomaly

163, 191, 192

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 206, 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(129, 206, 209)` looks like.

```
.text, #text, p{  
    color:rgb(129, 206, 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(129, 206, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 206, 209) }
```

Border

The CSS property to change the border of an element to RGB 129, 206, 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(129, 206, 209) }
```

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

```
.border{ border-color:rgb(129, 206, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 206, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 206, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 206, 209); box-shadow:4px 4px 4px 4px rgb(129, 206, 209) }
```

Background

The CSS property to change the background color of an element to RGB 129, 206, 209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 206, 209) }
```

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

```
.background{ background-color: rgb(129,  
206, 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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