

Converting Colors

RGB(129, 216, 194)

Have a look what the booklet for
RGB(129, 216, 194) contains.

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Color

RGB(129, 216, 194)

Conversions

Conversions Part 1

Format	Color
Hex	81D8C2
RGB	129, 216, 194
RGB Percent	51%, 85%, 76%
CMY	0.4941, 0.1529, 0.2392
CMYK	0.40, 0.00, 0.10, 0.15
HSL	165°, 53%, 68%
HSV	165°, 40%, 85%
XYZ	43.3467, 57.6739, 59.8865
YIQ	187.4790, -44.7900, -25.2860

Conversions

Conversions Part 2

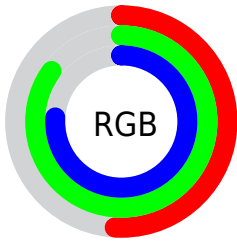
Format	Color
RYB	129, 179, 216
Decimal	8509634
CIELab	80.56, -31.33, 2.61
CIELCh	81, 31.438, 175.233
Yxy	57.6739, 0.2694, 0.3584
Android (android.graphics.Color)	4286699714 (0xFF81D8C2)
YUV	187.4790, 3.2149, -51.2861
Hunter-Lab	75.9433, -31.0171, 6.4061

Details

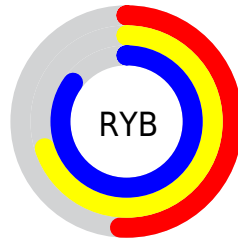
The RGB color **129, 216, 194** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **216, 129, 151**, and the grayscale version is **187, 187, 187**.

A 20% lighter version of the original color is **185, 255, 250**, and **74, 161, 140** is the 20% darker color. If you saturate the color by 10%, you get **107, 216, 189**, and if you desaturate by 10%, it is **151, 216, 199**.

Distribution



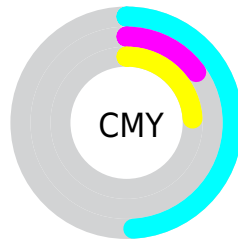
- Red (51%)
- Green (85%)
- Blue (76%)



- Red (51%)
- Yellow (70%)
- Blue (85%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (15%)



- Cyan (49%)
- Magenta (15%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RGB color 129, 216, 194 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, 216, 194 by changing the saturation by 10% instead.

 129, 216, 194


255, 255, 255


 185, 255, 250


 214, 255, 255


 243, 255, 255


 129, 216, 194


 101, 188, 167

 74, 161, 140

 44, 134, 115

 0, 109, 90

 0, 84, 67

 0, 60, 45

 0, 38, 24


 0, 4, 0

 0, 0, 0

 129, 216, 194

 129, 216, 194

 107, 216, 189

 151, 216, 199

 86, 216, 183

 172, 216, 205

 64, 216, 178

 194, 216, 210

 43, 216, 172

 215, 216, 216

 21, 216, 167

 237, 216, 221

 0, 216, 161

 255, 216, 227

 255, 216, 232

 255, 216, 238

 255, 216, 243

Harmonies

Analogous

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



161, 213, 166



129, 216, 194



110, 216, 224

Triad

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



129, 216, 194



198, 194, 253



248, 187, 153

Complementary

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



129, 216, 194



216, 129, 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, 180, 176



129, 216, 194



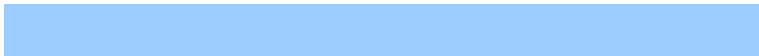
233, 184, 234

Square

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



129, 216, 194



156, 204, 255



254, 179, 206



225, 196, 142

Rectangle

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



129, 216, 194



113, 214, 241



254, 179, 206



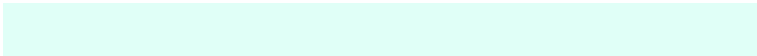
253, 184, 159

Sweetspot

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



129, 216, 194



224, 255, 247



152, 216, 129



110, 128, 123



0, 0, 0



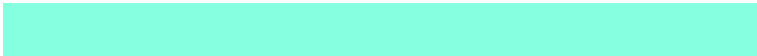
128, 128, 128

Same Dimension

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



129, 216, 194



133, 255, 224



129, 196, 216



96, 107, 104



0, 171, 128



0, 43, 32

Inverse Universe

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



216, 129, 151



255, 133, 164



216, 149, 129



107, 96, 99



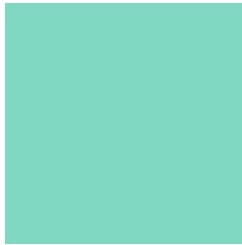
171, 0, 43



43, 0, 11

Previews

White Background



This preview shows how the RGB color 129, 216, 194 looks on a white background.

Color Contrast Check

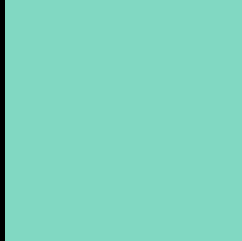
Large Text (above 18pt) WCAG AA × Fail

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, 216, 194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

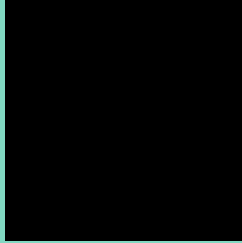
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

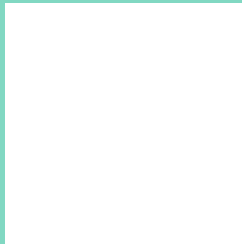
Any Text WCAG AAA ✓ Pass

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

RGB 129, 216, 194 Background



This preview shows how black text looks on a background with the RGB color 129, 216, 194.

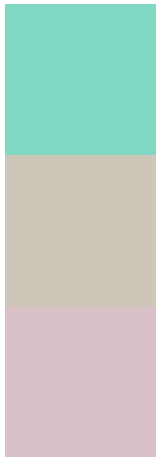


This preview shows how white text looks on a background with the RGB color 129, 216, 194.

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, 216, 194

Protanopia
206, 198, 184

Deuteranopia
218, 193, 199



Tritanopia
138, 211, 228

Trichromacy



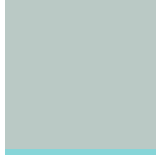
Original Color

129, 216, 194



Protanomaly

178, 205, 188



Deuteranomaly

186, 201, 197



Tritanomaly

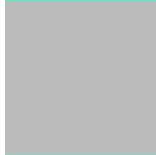
135, 213, 216

Monochromacy



Original Color

129, 216, 194



Achromatopsia

187, 187, 187



Achromatomaly

166, 198, 190

CSS Examples

Text

The CSS property to change the color of the text to RGB 129, 216, 194 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, 216, 194)` looks like.

```
.text, #text, p{  
    color:rgb(129, 216, 194)  
}
```

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, 216, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 216, 194) }
```

Border

The CSS property to change the border of an element to RGB 129, 216, 194 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, 216, 194) }
```

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

```
.border{ border-color:rgb(129, 216, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 216, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 216, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 216, 194);  
box-shadow:4px 4px 4px 4px rgb(129, 216,  
194) }
```

Background

The CSS property to change the background color of an element to RGB 129, 216, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 216, 194) }
```

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

```
.background{ background-color: rgb(129,  
216, 194) }
```

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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