

Converting Colors

RGB(128, 204, 159)

Have a look what the booklet for
RGB(128, 204, 159) contains.

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Color

RGB(128, 204, 159)

Conversions

Conversions Part 1

Format	Color
Hex	80CC9F
RGB	128, 204, 159
RGB Percent	50%, 80%, 62%
CMY	0.4980, 0.2000, 0.3765
CMYK	0.37, 0.00, 0.22, 0.20
HSL	144°, 43%, 65%
HSV	144°, 37%, 80%
XYZ	36.7530, 50.2781, 40.5685
YIQ	176.1460, -30.8510, -30.1070

Conversions

Conversions Part 2

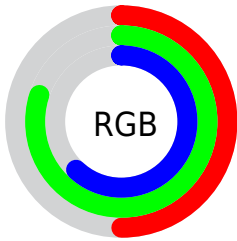
Format	Color
RYB	128, 182, 204
Decimal	8440991
CIELab	76.24, -33.32, 15.12
CIELCh	76, 36.586, 155.592
Yxy	50.2781, 0.2880, 0.3940
Android (android.graphics.Color)	4286631071 (0xFF80CC9F)
YUV	176.1460, -8.4530, -42.2240
Hunter-Lab	70.9071, -31.5662, 15.7130

Details

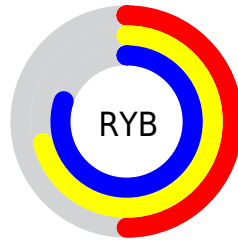
The RGB color **128, 204, 159** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **204, 128, 173**, and the grayscale version is **176, 176, 176**.

A 20% lighter version of the original color is **183, 255, 214**, and **75, 149, 107** is the 20% darker color. If you saturate the color by 10%, you get **108, 204, 147**, and if you desaturate by 10%, it is **148, 204, 171**.

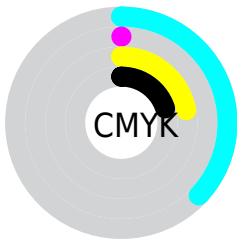
Distribution



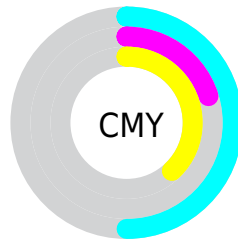
- Red (50%)
- Green (80%)
- Blue (62%)



- Red (50%)
- Yellow (71%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (22%)
- Black (20%)



- Cyan (50%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the RGB color 128, 204, 159 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 128, 204, 159 by changing the saturation by 10% instead.

 128, 204, 159


255, 255, 255


 183, 255, 214

 212, 255, 242

 241, 255, 255

 128, 204, 159


 101, 176, 133

 75, 149, 107

 48, 123, 83

 16, 98, 60

 0, 73, 38

 0, 50, 17

 0, 30, 0

 0, 0, 0

 128, 204, 159

 128, 204, 159

 108, 204, 147

 148, 204, 171

 87, 204, 135

 169, 204, 183

 67, 204, 123

 189, 204, 195

 46, 204, 111

 210, 204, 207

 26, 204, 99

 230, 204, 219

 6, 204, 87

 250, 204, 231

 0, 204, 83

 255, 204, 244

 255, 204, 255

Harmonies

Analogous

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



168, 198, 132



128, 204, 159



87, 206, 193

Triad

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



128, 204, 159



151, 189, 255



252, 166, 150

Complementary

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



128, 204, 159



204, 128, 173

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.



253, 162, 183



128, 204, 159



201, 177, 243

Square

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



128, 204, 159



98, 199, 249



236, 166, 217



234, 176, 127

Rectangle

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



128, 204, 159



68, 206, 216



236, 166, 217



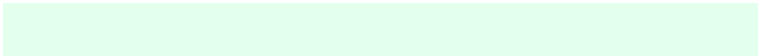
254, 164, 160

Sweetspot

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



128, 204, 159



227, 255, 238



174, 204, 128



111, 128, 118



0, 0, 0



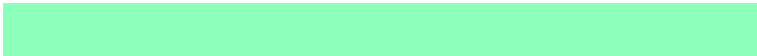
128, 128, 128

Same Dimension

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



128, 204, 159



140, 255, 187



128, 204, 196



92, 102, 96



0, 166, 68



0, 38, 16

Inverse Universe

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



204, 128, 173



255, 140, 208



204, 128, 136



102, 92, 98



166, 0, 98



38, 0, 23

Previews

White Background



This preview shows how the RGB color 128, 204, 159 looks on a white background.

Color Contrast Check

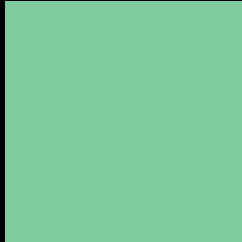
Large Text (above 18pt) WCAG AA × Fail

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 128, 204, 159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

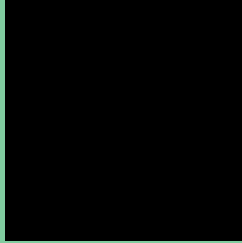
Any Text WCAG AA ✓ Pass

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 128, 204, 159 Background



This preview shows how black text looks on a background with the RGB color 128, 204, 159.



This preview shows how white text looks on a background with the RGB color 128, 204, 159.

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](#).

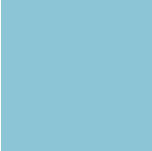
Dichromacy



Original Color
128, 204, 159

Protanopia
199, 187, 151

Deuteranopia
213, 180, 164



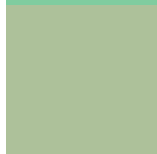
Tritanopia
140, 197, 213

Trichromacy



Original Color

128, 204, 159



Protanomaly

173, 193, 154



Deuteranomaly

182, 189, 162



Tritanomaly

136, 200, 193

Monochromacy



Original Color

128, 204, 159



Achromatopsia

176, 176, 176



Achromatomaly

159, 186, 170

CSS Examples

Text

The CSS property to change the color of the text to RGB 128, 204, 159 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(128, 204, 159)` looks like.

```
.text, #text, p{  
    color:rgb(128, 204, 159)  
}
```

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(128, 204, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 204, 159) }
```

Border

The CSS property to change the border of an element to RGB 128, 204, 159 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(128, 204, 159) }
```

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

```
.border{ border-color:rgb(128, 204, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 204, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 204, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 204, 159);  
box-shadow:4px 4px 4px 4px rgb(128, 204,  
159) }
```

Background

The CSS property to change the background color of an element to RGB 128, 204, 159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 204, 159) }
```

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

```
.background{ background-color: rgb(128,  
204, 159) }
```

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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