

Converting Colors

`RYB(128, 206, 194)`

Have a look what the booklet for
RYB(128, 206, 194) contains.

RYB(128, 206, 194)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(128, 206, 194)

Conversions

Conversions Part 1

Format	Color
Hex	8CCE80
RGB	140, 206, 128
RGB Percent	55%, 81%, 50%
CMY	0.4510, 0.1922, 0.4980
CMYK	0.32, 0.00, 0.38, 0.19
HSL	111°, 44%, 65%
HSV	111°, 38%, 81%
XYZ	36.7828, 51.2766, 28.3808
YIQ	177.3740, -14.2980, -38.2500

Conversions

Conversions Part 2

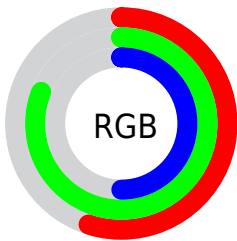
Format	Color
RYB	128, 206, 194
Decimal	9227904
CIELab	76.85, -35.83, 32.32
CIElCh	77, 48.257, 137.948
Yxy	51.2766, 0.3159, 0.4404
Android (android.graphics.Color)	4287417984 (0xFF8CCE80)
YUV	177.3740, -24.3414, -32.7770
Hunter-Lab	71.6077, -33.6231, 26.6265

Details

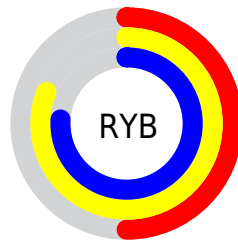
The RYB color **128, 206, 194** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **194, 128, 206**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **182, 255, 241**, and **78, 151, 142** is the 20% darker color. If you saturate the color by 10%, you get **107, 206, 190**, and if you desaturate by 10%, it is **149, 206, 198**.

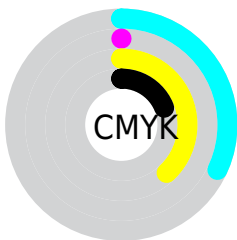
Distribution



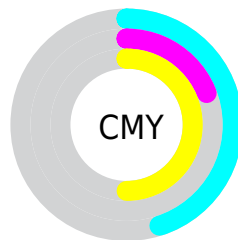
- Red (55%)
- Green (81%)
- Blue (50%)



- Red (50%)
- Yellow (81%)
- Blue (76%)



- Cyan (32%)
- Magenta (0%)
- Yellow (38%)
- Black (19%)



- Cyan (45%)
- Magenta (19%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 206, 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 RYB color 128, 206, 194 by changing the saturation by 10% instead.

 128, 206, 194


255, 255, 255


 182, 255, 241


 209, 255, 240


 238, 255, 240

 128, 206, 194

 102, 178, 167

 78, 151, 142

 54, 125, 119

 30, 100, 97

 0, 70, 75

 0, 52, 52

 0, 32, 32

 0, 0, 0

 128, 206, 194

 128, 206, 194

 107, 206, 190

 149, 206, 198

 87, 206, 188

 169, 206, 200

 66, 206, 184

 190, 206, 204

 46, 206, 182

 210, 206, 210

 25, 206, 178

 227, 206, 231

 4, 206, 175

 245, 206, 252

 0, 206, 174

 255, 206, 255

Harmonies

Analogous

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



102, 195, 106



128, 206, 194



73, 155, 212

Triad

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



128, 206, 194



75, 149, 255



255, 154, 164

Complementary

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



128, 206, 194



194, 128, 206

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, 155, 210



128, 206, 194



166, 182, 255

Square

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



128, 206, 194



0, 115, 255



227, 168, 250



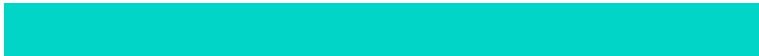
255, 183, 125

Rectangle

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



128, 206, 194



0, 110, 213



227, 168, 250



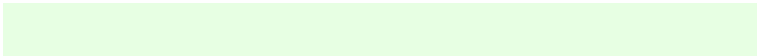
255, 153, 179

Sweetspot

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



128, 206, 194



227, 255, 251



144, 206, 128



111, 128, 126



0, 0, 0



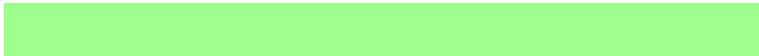
128, 128, 128

Same Dimension

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



128, 206, 194



140, 255, 237



128, 187, 206



92, 102, 101



0, 166, 140



0, 38, 32

Inverse Universe

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



194, 128, 206



237, 140, 255



206, 128, 180



100, 92, 102



140, 0, 166



32, 0, 38

Previews

White Background



This preview shows how the RYB color 128, 206, 194 looks on a white background.

Color Contrast Check

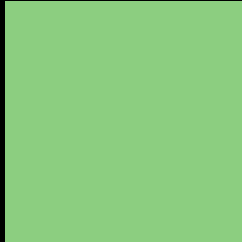
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 128, 206, 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](#).

RYB 128, 206, 194 Background



This preview shows how black text looks on a background with the RYB color 128, 206, 194.

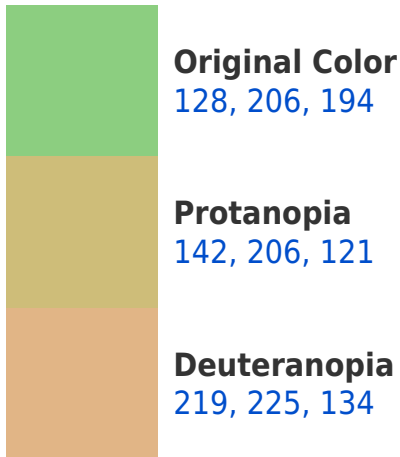


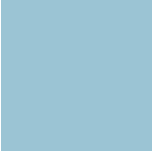
This preview shows how white text looks on a background with the RYB color 128, 206, 194.

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





Tritanopia
155, 179, 212

Trichromacy



Original Color

128, 206, 194



Protanomaly

124, 195, 137



Deuteranomaly

136, 194, 132



Tritanomaly

150, 181, 200

Monochromacy



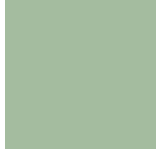
Original Color

128, 206, 194



Achromatopsia

177, 177, 177



Achromatomaly

159, 188, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 206, 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(140, 206, 128)` looks like.

```
.text, #text, p{  
    color:rgb(140, 206, 128)  
}
```

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(140, 206, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 206, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 206, 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(140, 206, 128) }
```

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

```
.border{ border-color:rgb(140, 206, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 206, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 206, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 206, 128);  
box-shadow:4px 4px 4px 4px rgb(140, 206,  
128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 206, 194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 206, 128) }
```

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

```
.background{ background-color: rgb(140,  
206, 128) }
```

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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