

Converting Colors

`RYB(128, 204, 141)`

Have a look what the booklet for
RYB(128, 204, 141) contains.

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Color

R_YB(128, 204, 141)

Conversions

Conversions Part 1

Format	Color
Hex	BFCC80
RGB	191, 204, 128
RGB Percent	75%, 80%, 50%
CMY	0.2510, 0.2000, 0.4980
CMYK	0.06, 0.00, 0.37, 0.20
HSL	70°, 43%, 65%
HSV	70°, 37%, 80%
XYZ	46.9750, 55.8206, 28.7207
YIQ	191.4490, 16.6480, -26.3920

Conversions

Conversions Part 2

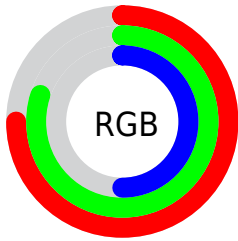
Format	Color
RYB	128, 204, 141
Decimal	12569728
CIELab	79.51, -16.37, 36.41
CIELCh	80, 39.921, 114.209
Yxy	55.8206, 0.3572, 0.4244
Android (android.graphics.Color)	4290759808 (0xFFBFCC80)
YUV	191.4490, -31.2804, -0.3938
Hunter-Lab	74.7132, -18.5184, 29.5074

Details

The RYB color **128, 204, 141** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **141, 128, 204**, and the grayscale version is **192, 192, 192**.

A 20% lighter version of the original color is **182, 255, 189**, and **77, 150, 91** is the 20% darker color. If you saturate the color by 10%, you get **108, 204, 124**, and if you desaturate by 10%, it is **148, 204, 158**.

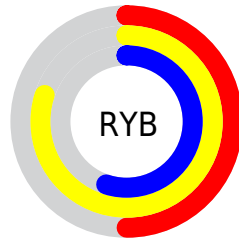
Distribution



Red (75%)

Green (80%)

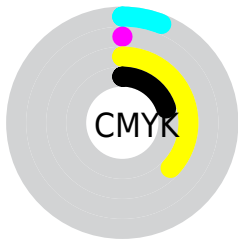
Blue (50%)



Red (50%)

Yellow (80%)

Blue (55%)

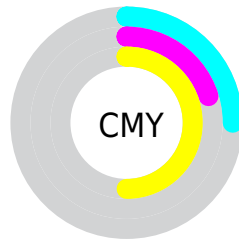


Cyan (6%)

Magenta (0%)

Yellow (37%)

Black (20%)



Cyan (25%)

Magenta (20%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the RYB color 128, 204, 141 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, 204, 141 by changing the saturation by 10% instead.

 128, 204, 141

255, 255, 255

 182, 255, 189

 210, 255, 210

 238, 255, 238

 128, 204, 141

 102, 177, 116

 77, 150, 91

 53, 124, 67

 29, 99, 43

 3, 75, 18

 0, 53, 16

 0, 32, 22

 0, 0, 0

 128, 204, 141

 128, 204, 141

 108, 204, 124

 148, 204, 158

 87, 204, 107

 169, 204, 175

 67, 204, 90

 189, 204, 192

 46, 204, 73

 205, 204, 210

 26, 204, 56

 208, 204, 230

 6, 204, 40

 212, 204, 250

 0, 204, 35

 215, 204, 255

 219, 204, 255

 222, 204, 255

Harmonies

Analogous

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



180, 229, 123



128, 204, 141



148, 208, 212

Triad

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



128, 204, 141



73, 152, 255



255, 169, 206

Complementary

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



128, 204, 141



141, 128, 204

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.



237, 177, 241



128, 204, 141



132, 177, 255

Square

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



128, 204, 141



57, 139, 226



191, 190, 255



255, 170, 168

Rectangle

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



128, 204, 141



117, 179, 216



191, 190, 255



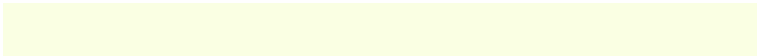
255, 171, 218

Sweetspot

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



128, 204, 141



227, 255, 232



204, 144, 128



111, 128, 114



0, 0, 0



128, 128, 128

Same Dimension

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



128, 204, 141



140, 255, 160



128, 204, 179



92, 102, 94



0, 166, 29



0, 38, 6

Inverse Universe

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



141, 128, 204



160, 140, 255



179, 128, 204



94, 92, 102



28, 0, 166



7, 0, 38

Previews

White Background



This preview shows how the RYB color 128, 204, 141 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, 204, 141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

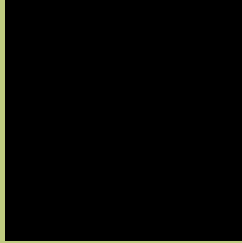
Any Text WCAG AA ✓ Pass

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, 204, 141 Background



This preview shows how black text looks on a background with the RYB color 128, 204, 141.



This preview shows how white text looks on a background with the RYB color 128, 204, 141.

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
201, 194, 209

Trichromacy



Original Color
128, 204, 141

Protanomaly
132, 206, 126

Deuteranomaly
167, 220, 130

Tritanomaly
180, 198, 181

Monochromacy



Original Color
128, 204, 141

Achromatopsia
191, 191, 191

Achromatomaly
168, 196, 173

CSS Examples

Text

The CSS property to change the color of the text to RYB 128, 204, 141 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(191, 204, 128)` looks like.

```
.text, #text, p{  
    color:rgb(191, 204, 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(191, 204, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 204, 128) }
```

Border

The CSS property to change the border of an element to RYB 128, 204, 141 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(191, 204, 128) }
```

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

```
.border{ border-color:rgb(191, 204, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 204, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 204, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 204, 128); box-shadow:4px 4px 4px 4px rgb(191, 204, 128) }
```

Background

The CSS property to change the background color of an element to RYB 128, 204, 141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 204, 128) }
```

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

```
.background{ background-color: rgb(191,  
204, 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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