

Converting Colors

`RYB(108, 198, 129)`

Have a look what the booklet for
RYB(108, 198, 129) contains.

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Color

R_YB(108, 198, 129)

Conversions

Conversions Part 1

Format	Color
Hex	B1C66C
RGB	177, 198, 108
RGB Percent	69%, 78%, 42%
CMY	0.3059, 0.2235, 0.5765
CMYK	0.11, 0.00, 0.45, 0.22
HSL	74°, 44%, 60%
HSV	74°, 45%, 78%
XYZ	41.0323, 50.8180, 21.8336
YIQ	181.4610, 16.3740, -32.4420

Conversions

Conversions Part 2

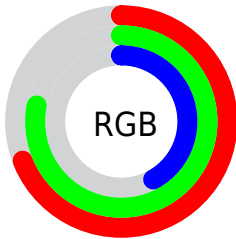
Format	Color
RYB	108, 198, 129
Decimal	11650668
CIELab	76.57, -21.11, 42.54
CIELCh	77, 47.489, 116.396
Yxy	50.8180, 0.3609, 0.4470
Android (android.graphics.Color)	4289840748 (0xFFB1C66C)
YUV	181.4610, -36.2163, -3.9123
Hunter-Lab	71.2867, -22.0080, 31.7415

Details

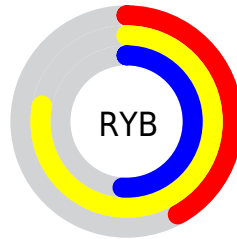
The RYB color **108, 198, 129** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **129, 108, 198**, and the grayscale version is **182, 182, 182**.

A 20% lighter version of the original color is **161, 255, 182**, and **57, 144, 78** is the 20% darker color. If you saturate the color by 10%, you get **88, 198, 114**, and if you desaturate by 10%, it is **128, 198, 144**.

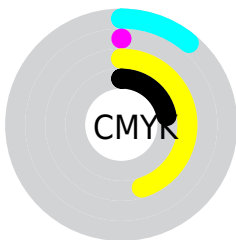
Distribution



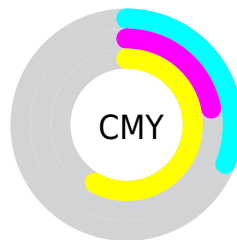
- Red (69%)
- Green (78%)
- Blue (42%)



- Red (42%)
- Yellow (78%)
- Blue (51%)



- Cyan (11%)
- Magenta (0%)
- Yellow (45%)
- Black (22%)



- Cyan (31%)
- Magenta (22%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the RYB color 108, 198, 129 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 108, 198, 129 by changing the saturation by 10% instead.

 108, 198, 129


255, 255, 255


 161, 255, 182

 189, 255, 189


 217, 255, 217

 246, 255, 246

 108, 198, 129

 82, 171, 104

 57, 144, 78

 32, 118, 53

 2, 94, 25

 0, 70, 23

 0, 48, 26

 0, 28, 28

 0, 0, 0

 108, 198, 129

 108, 198, 129

■ 88, 198, 114

■ 128, 198, 144

■ 68, 198, 98

■ 148, 198, 160

■ 49, 198, 84

■ 167, 198, 174

■ 29, 198, 68

■ 187, 198, 190

■ 9, 198, 53

■ 200, 198, 207

■ 0, 198, 46

■ 205, 198, 227

■ 209, 198, 247

■ 214, 198, 255

■ 219, 198, 255

Harmonies

Analogous

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



151, 221, 100



108, 198, 129



124, 194, 207

Triad

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



108, 198, 129



0, 114, 255



255, 154, 196

Complementary

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



108, 198, 129



129, 108, 198

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.



239, 163, 238



108, 198, 129



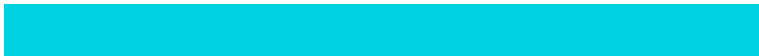
107, 162, 255

Square

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



108, 198, 129



0, 109, 227



185, 180, 255



255, 156, 152

Rectangle

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



108, 198, 129



80, 159, 211



185, 180, 255



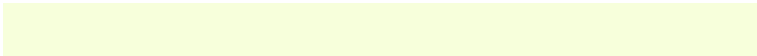
255, 156, 211

Sweetspot

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



108, 198, 129



219, 255, 227



198, 135, 108



106, 128, 112



0, 0, 0



128, 128, 128

Same Dimension

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



108, 198, 129



115, 255, 148



108, 198, 174



90, 99, 92



0, 163, 38



0, 36, 9

Inverse Universe

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



129, 108, 198



147, 115, 255



174, 108, 198



92, 90, 99



38, 0, 163



8, 0, 36

Previews

White Background



This preview shows how the RYB color 108, 198, 129 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 108, 198, 129 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 108, 198, 129 Background



This preview shows how black text looks on a background with the RYB color 108, 198, 129.



This preview shows how white text looks on a background with the RYB color 108, 198, 129.

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
108, 198, 129

Protanopia
127, 207, 105

Deuteranopia
196, 229, 112



Tritanopia
189, 187, 202

Trichromacy



Original Color
108, 198, 129

Protanomaly
110, 196, 106

Deuteranomaly
141, 210, 111

Tritanomaly
168, 191, 174

Monochromacy



Original Color
108, 198, 129

Achromatopsia
181, 181, 181

Achromatomaly
154, 187, 161

CSS Examples

Text

The CSS property to change the color of the text to RGB 108, 198, 129 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(177, 198, 108)` looks like.

```
.text, #text, p{  
    color:rgb(177, 198, 108)  
}
```

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(177, 198, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 198, 108) }
```

Border

The CSS property to change the border of an element to RYB 108, 198, 129 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(177, 198, 108) }
```

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

```
.border{ border-color:rgb(177, 198, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 198, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 198, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 198, 108);  
box-shadow:4px 4px 4px 4px rgb(177, 198,  
108) }
```

Background

The CSS property to change the background color of an element to RYB 108, 198, 129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 198, 108) }
```

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

```
.background{ background-color: rgb(177,  
198, 108) }
```

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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