

Converting Colors

`RYB(129, 211, 208)`

Have a look what the booklet for
RYB(129, 211, 208) contains.

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Color

R_YB(129, 211, 208)

Conversions

Conversions Part 1

Format	Color
Hex	84D381
RGB	132, 211, 129
RGB Percent	52%, 83%, 51%
CMY	0.4824, 0.1725, 0.4941
CMYK	0.37, 0.00, 0.39, 0.17
HSL	118°, 48%, 67%
HSV	118°, 39%, 83%
XYZ	36.7724, 53.0790, 29.0760
YIQ	178.0310, -20.7620, -42.2500

Conversions

Conversions Part 2

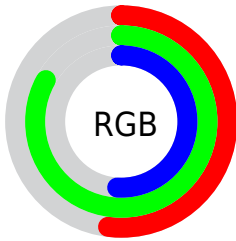
Format	Color
RYB	129, 211, 208
Decimal	8704897
CIELab	77.92, -40.50, 33.14
CIElCh	78, 52.334, 140.707
Yxy	53.0790, 0.3092, 0.4463
Android (android.graphics.Color)	4286894977 (0xFF84D381)
YUV	178.0310, -24.1723, -40.3692
Hunter-Lab	72.8554, -37.4022, 27.3365

Details

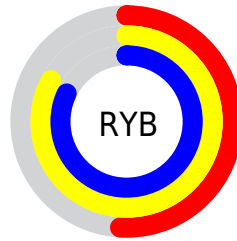
The RYB color **129, 211, 208** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **208, 129, 211**, and the grayscale version is **178, 178, 178**.

A 20% lighter version of the original color is **183, 255, 250**, and **78, 156, 156** is the 20% darker color. If you saturate the color by 10%, you get **108, 211, 207**, and if you desaturate by 10%, it is **150, 211, 209**.

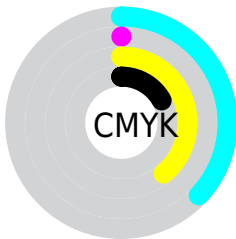
Distribution



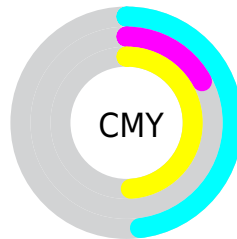
- Red (52%)
- Green (83%)
- Blue (51%)



- Red (51%)
- Yellow (83%)
- Blue (82%)



- Cyan (37%)
- Magenta (0%)
- Yellow (39%)
- Black (17%)



- Cyan (48%)
- Magenta (17%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the RYB color 129, 211, 208 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 129, 211, 208 by changing the saturation by 10% instead.

 129, 211, 208


255, 255, 255


 183, 255, 250


 211, 255, 249

 239, 255, 248

 129, 211, 208

 103, 183, 181

 78, 156, 156

 50, 125, 129

 16, 92, 104

 0, 74, 79

 0, 55, 55

 0, 35, 35

 0, 0, 0

 129, 211, 208

 129, 211, 208

 108, 211, 207


 150, 211, 209

 87, 211, 207

 171, 211, 209

 66, 211, 206

 192, 211, 210

 45, 211, 205

 213, 211, 213

 24, 211, 205

 234, 211, 235

 2, 211, 203

 254, 211, 255

 0, 211, 203

 255, 211, 255

Harmonies

Analogous

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



99, 200, 110



129, 211, 208



43, 142, 217

Triad

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



129, 211, 208



68, 146, 255



255, 154, 161

Complementary

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



129, 211, 208



208, 129, 211

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, 154, 210



129, 211, 208



173, 184, 255

Square

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



129, 211, 208



0, 116, 255



238, 167, 255



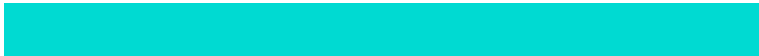
255, 193, 119

Rectangle

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



129, 211, 208



0, 111, 218



238, 167, 255



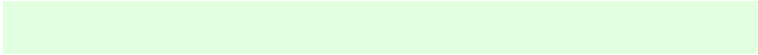
255, 152, 177

Sweetspot

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



129, 211, 208



224, 255, 253



133, 211, 129



110, 128, 128



0, 0, 0



128, 128, 128

Same Dimension

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



129, 211, 208



135, 255, 250



129, 186, 211



94, 105, 105



0, 168, 162



0, 41, 40

Inverse Universe

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



208, 129, 211



251, 135, 255



211, 129, 174



104, 94, 105



162, 0, 168



39, 0, 41

Previews

White Background



This preview shows how the RYB color 129, 211, 208 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 129, 211, 208 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 129, 211, 208 Background



This preview shows how black text looks on a background with the RYB color 129, 211, 208.

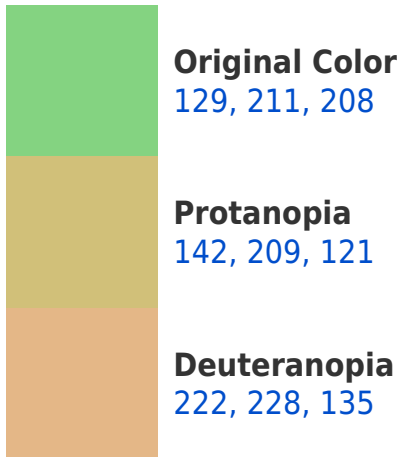


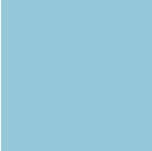
This preview shows how white text looks on a background with the RYB color 129, 211, 208.

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
149, 178, 217

Trichromacy



Original Color

129, 211, 208



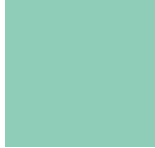
Protanomaly

124, 199, 142



Deuteranomaly

133, 193, 133



Tritanomaly

143, 180, 205

Monochromacy



Original Color

129, 211, 208



Achromatopsia

178, 178, 178



Achromatomaly

160, 190, 189

CSS Examples

Text

The CSS property to change the color of the text to RYB 129, 211, 208 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(132, 211, 129)` looks like.

```
.text, #text, p{  
    color:rgb(132, 211, 129)  
}
```

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(132, 211, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 211, 129) }
```

Border

The CSS property to change the border of an element to RYB 129, 211, 208 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(132, 211, 129) }
```

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

```
.border{ border-color:rgb(132, 211, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 211, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 211, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 211, 129);  
box-shadow:4px 4px 4px 4px rgb(132, 211,  
129) }
```

Background

The CSS property to change the background color of an element to RYB 129, 211, 208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 211, 129) }
```

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

```
.background{ background-color: rgb(132,  
211, 129) }
```

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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