

Converting Colors

`RYB(135, 207, 117)`

Have a look what the booklet for
RYB(135, 207, 117) contains.

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Color

R_YB(135, 207, 117)

Conversions

Conversions Part 1

Format	Color
Hex	CFC075
RGB	207, 192, 117
RGB Percent	81%, 75%, 46%
CMY	0.1882, 0.2471, 0.5412
CMYK	0.00, 0.07, 0.43, 0.19
HSL	50°, 48%, 64%
HSV	50°, 43%, 81%
XYZ	47.7926, 52.2490, 24.3957
YIQ	187.9350, 33.0150, -20.1450

Conversions

Conversions Part 2

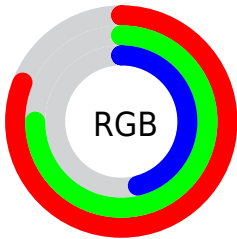
Format	Color
RYB	135, 207, 117
Decimal	13615221
CIELab	77.43, -5.12, 39.61
CIELCh	77, 39.941, 97.358
Yxy	52.2490, 0.3841, 0.4199
Android (android.graphics.Color)	4291805301 (0xFFCFC075)
YUV	187.9350, -34.9710, 16.7200
Hunter-Lab	72.2835, -8.4748, 30.5880

Details

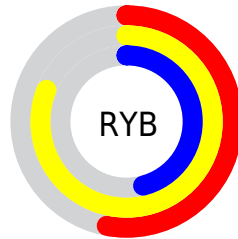
The RYB color **135, 207, 117** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **117, 130, 207**, and the grayscale version is **188, 188, 188**.

A 20% lighter version of the original color is **178, 255, 170**, and **81, 151, 67** is the 20% darker color. If you saturate the color by 10%, you get **117, 207, 96**, and if you desaturate by 10%, it is **153, 207, 138**.

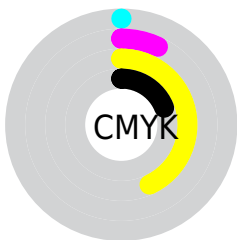
Distribution



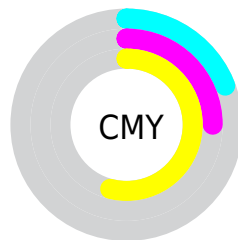
- Red (81%)
- Green (75%)
- Blue (46%)



- Red (53%)
- Yellow (81%)
- Blue (46%)



- Cyan (0%)
- Magenta (7%)
- Yellow (43%)
- Black (19%)



- Cyan (19%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the RYB color 135, 207, 117 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 135, 207, 117 by changing the saturation by 10% instead.

 135, 207, 117

255, 255, 255


 178, 255, 170

 198, 255, 198

 226, 255, 226

 135, 207, 117

 109, 179, 92

 81, 151, 67

 55, 124, 42

 27, 98, 17

 7, 72, 0

 4, 48, 0

 0, 24, 1

 0, 0, 0

 135, 207, 117

 135, 207, 117

■ 117, 207, 96

■ 153, 207, 138

■ 102, 207, 76

■ 168, 207, 158

■ 85, 207, 55

■ 185, 207, 179

■ 69, 207, 34

■ 201, 207, 200

■ 51, 207, 13

■ 207, 209, 221

■ 42, 207, 0

■ 207, 212, 241

■ 207, 215, 255

■ 207, 217, 255

■ 207, 219, 255

Harmonies

Analogous

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



240, 229, 124



135, 207, 117



131, 202, 166

Triad

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



135, 207, 117



42, 132, 235



245, 167, 221

Complementary

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



135, 207, 117



117, 130, 207

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.



208, 178, 250



135, 207, 117



90, 157, 255

Square

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



135, 207, 117



72, 145, 211



153, 181, 255



255, 163, 183

Rectangle

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



135, 207, 117



137, 196, 207



153, 181, 255



235, 170, 232

Sweetspot

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



135, 207, 117



229, 255, 222



207, 117, 132



112, 128, 107



0, 0, 0



128, 128, 128

Same Dimension

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



135, 207, 117



148, 255, 122



117, 207, 147



96, 105, 94



34, 168, 0



8, 41, 0

Inverse Universe

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



117, 130, 207



122, 142, 255



147, 117, 207



94, 96, 105



0, 24, 168



0, 6, 41

Previews

White Background



This preview shows how the RYB color 135, 207, 117 looks on a white background.

Color Contrast Check

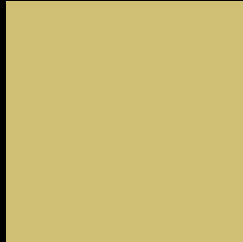
Large Text (above 18pt) WCAG AA × Fail

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 135, 207, 117 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](#).

R Y B 135, 207, 117 Background



This preview shows how black text looks on a background with the RYB color 135, 207, 117.



This preview shows how white text looks on a background with the RYB color 135, 207, 117.

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


135, 207, 117

Protanopia

139, 209, 117

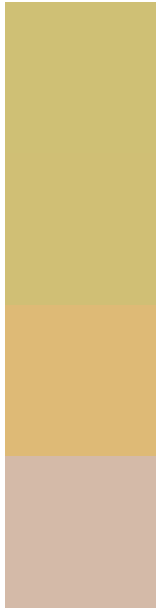
Deuteranopia

203, 231, 119



Tritanopia
215, 182, 197

Trichromacy



Original Color
135, 207, 117

Protanomaly
138, 208, 117

Deuteranomaly
173, 222, 118

Tritanomaly
212, 198, 168

Monochromacy



Original Color
135, 207, 117

Achromatopsia
188, 188, 188

Achromatomaly
169, 195, 162

CSS Examples

Text

The CSS property to change the color of the text to RYB 135, 207, 117 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(207, 192, 117)` looks like.

```
.text, #text, p{  
    color:rgb(207, 192, 117)  
}
```

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(207, 192, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 192, 117) }
```

Border

The CSS property to change the border of an element to RYB 135, 207, 117 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(207, 192, 117) }
```

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

```
.border{ border-color:rgb(207, 192, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 192, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 192, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 192, 117);  
box-shadow:4px 4px 4px 4px rgb(207, 192,  
117) }
```

Background

The CSS property to change the background color of an element to RGB 135, 207, 117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 192, 117) }
```

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

```
.background{ background-color: rgb(207,  
192, 117) }
```

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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