

Converting Colors

`RYB(124, 204, 145)`

Have a look what the booklet for
RYB(124, 204, 145) contains.

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Color

R_YB(124, 204, 145)

Conversions

Conversions Part 1

Format	Color
Hex	B7CC7C
RGB	183, 204, 124
RGB Percent	72%, 80%, 49%
CMY	0.2824, 0.2000, 0.5137
CMYK	0.10, 0.00, 0.39, 0.20
HSL	76°, 44%, 64%
HSV	76°, 39%, 80%
XYZ	44.7594, 54.7082, 27.2695
YIQ	188.6010, 13.1640, -29.3320

Conversions

Conversions Part 2

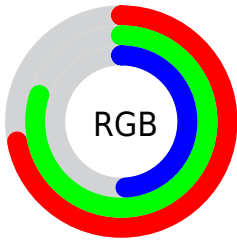
Format	Color
RYB	124, 204, 145
Decimal	12045436
CIELab	78.87, -19.93, 37.51
CIELCh	79, 42.474, 117.988
Yxy	54.7082, 0.3532, 0.4317
Android (android.graphics.Color)	4290235516 (0xFFB7CC7C)
YUV	188.6010, -31.8483, -4.9121
Hunter-Lab	73.9650, -21.4208, 29.9165

Details

The RYB color **124, 204, 145** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **145, 124, 204**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **178, 255, 193**, and **73, 150, 94** is the 20% darker color. If you saturate the color by 10%, you get **104, 204, 130**, and if you desaturate by 10%, it is **144, 204, 160**.

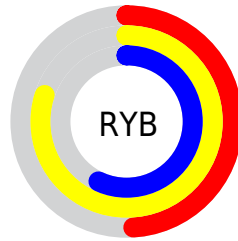
Distribution



Red (72%)

Green (80%)

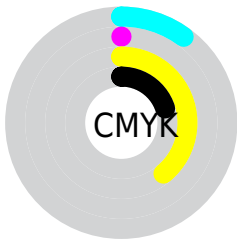
Blue (49%)



Red (49%)

Yellow (80%)

Blue (57%)

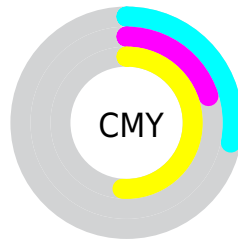


Cyan (10%)

Magenta (0%)

Yellow (39%)

Black (20%)



Cyan (28%)

Magenta (20%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 204, 145 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 124, 204, 145 by changing the saturation by 10% instead.

 124, 204, 145


255, 255, 255

 178, 255, 193


 205, 255, 205

 234, 255, 234

 124, 204, 145

 98, 177, 119

 73, 150, 94

 49, 124, 70

 25, 99, 47

 0, 75, 22

 0, 52, 22

 0, 32, 32

 0, 0, 0

 124, 204, 145

 124, 204, 145

 104, 204, 130

 144, 204, 160

 83, 204, 115

 165, 204, 175

 63, 204, 100

 185, 204, 190

 42, 204, 84

 204, 204, 206

 22, 204, 70

 210, 204, 226

 2, 204, 55

 215, 204, 246

 0, 204, 54

 220, 204, 255

 226, 204, 255

 231, 204, 255

Harmonies

Analogous

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



161, 224, 116



124, 204, 145



136, 199, 212

Triad

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



124, 204, 145



57, 143, 255



255, 165, 200

Complementary

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



124, 204, 145



145, 124, 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.



243, 172, 238



124, 204, 145



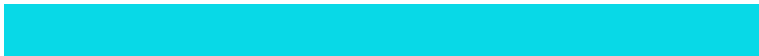
132, 176, 255

Square

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



124, 204, 145



8, 116, 231



196, 186, 255



255, 168, 160

Rectangle

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



124, 204, 145



101, 169, 215



196, 186, 255



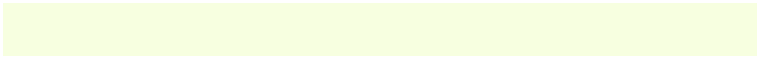
255, 166, 213

Sweetspot

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



124, 204, 145



224, 255, 232



204, 151, 124



110, 128, 115



0, 0, 0



128, 128, 128

Same Dimension

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



124, 204, 145



135, 255, 166



124, 204, 184



92, 102, 95



0, 166, 44



0, 38, 10

Inverse Universe

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



145, 124, 204



167, 135, 255



184, 124, 204



94, 92, 102



44, 0, 166



10, 0, 38

Previews

White Background



This preview shows how the RYB color 124, 204, 145 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 124, 204, 145 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 124, 204, 145 Background



This preview shows how black text looks on a background with the RYB color 124, 204, 145.

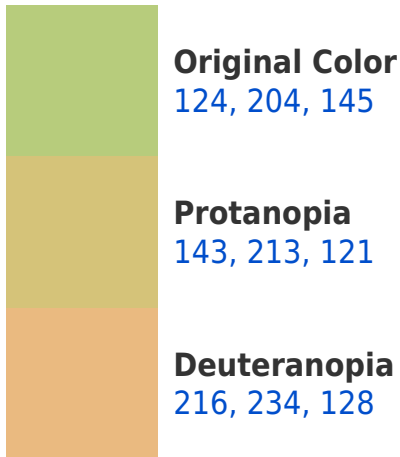


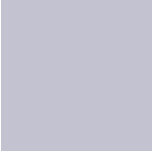
This preview shows how white text looks on a background with the RYB color 124, 204, 145.

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
194, 194, 209

Trichromacy



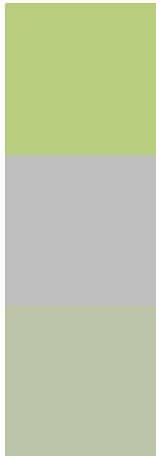
Original Color
124, 204, 145

Protanomaly
126, 202, 122

Deuteranomaly
156, 215, 127

Tritanomaly
178, 198, 186

Monochromacy



Original Color
124, 204, 145

Achromatopsia
189, 189, 189

Achromatomaly
165, 194, 172

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 204, 145 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(183, 204, 124)` looks like.

```
.text, #text, p{  
    color:rgb(183, 204, 124)  
}
```

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(183, 204, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 204, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 204, 145 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(183, 204, 124) }
```

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

```
.border{ border-color:rgb(183, 204, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 204, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 204, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 204, 124);  
box-shadow:4px 4px 4px 4px rgb(183, 204,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 204, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 204, 124) }
```

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

```
.background{ background-color: rgb(183,  
204, 124) }
```

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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