

Converting Colors

`RYB(124, 207, 195)`

Have a look what the booklet for
RYB(124, 207, 195) contains.

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Color

R_YB(124, 207, 195)

Conversions

Conversions Part 1

Format	Color
Hex	88CF7C
RGB	136, 207, 124
RGB Percent	53%, 81%, 49%
CMY	0.4667, 0.1882, 0.5137
CMYK	0.34, 0.00, 0.40, 0.19
HSL	111°, 46%, 65%
HSV	111°, 40%, 81%
XYZ	36.1043, 51.3151, 27.0707
YIQ	176.3090, -15.6730, -40.8650

Conversions

Conversions Part 2

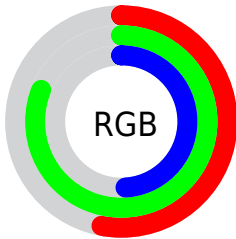
Format	Color
RYB	124, 207, 195
Decimal	8966012
CIELab	76.87, -38.19, 34.36
CIELCh	77, 51.370, 138.020
Yxy	51.3151, 0.3153, 0.4482
Android (android.graphics.Color)	4287156092 (0xFF88CF7C)
YUV	176.3090, -25.7883, -35.3510
Hunter-Lab	71.6346, -35.3954, 27.7385

Details

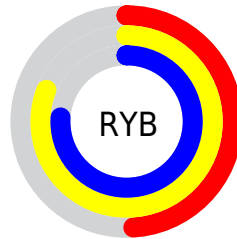
The RYB color **124, 207, 195** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **195, 124, 207**, and the grayscale version is **177, 177, 177**.

A 20% lighter version of the original color is **177, 255, 240**, and **74, 152, 144** is the 20% darker color. If you saturate the color by 10%, you get **103, 207, 192**, and if you desaturate by 10%, it is **145, 207, 198**.

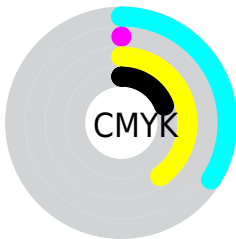
Distribution



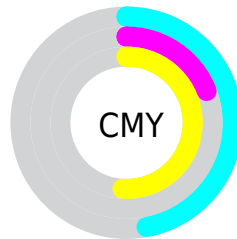
- Red (53%)
- Green (81%)
- Blue (49%)



- Red (49%)
- Yellow (81%)
- Blue (76%)



- Cyan (34%)
- Magenta (0%)
- Yellow (40%)
- Black (19%)



- Cyan (47%)
- Magenta (19%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 207, 195 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, 207, 195 by changing the saturation by 10% instead.

 124, 207, 195


255, 255, 255


 177, 255, 240


 205, 255, 240

 234, 255, 239

 124, 207, 195

 98, 179, 168

 74, 152, 144

 49, 126, 120

 25, 100, 99

 0, 76, 76

 0, 52, 52

 0, 32, 32

 0, 0, 0

 124, 207, 195

 124, 207, 195

 103, 207, 192

 145, 207, 198

 83, 207, 189

 165, 207, 201

 62, 207, 186

 186, 207, 204

 41, 207, 183

 207, 207, 207

 20, 207, 180

 225, 207, 228

 0, 207, 177

 242, 207, 248

 255, 207, 255

Harmonies

Analogous

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



96, 196, 102



124, 207, 195



57, 148, 213

Triad

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



124, 207, 195



54, 139, 255



255, 152, 163

Complementary

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



124, 207, 195



195, 124, 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.



255, 153, 211



124, 207, 195



163, 181, 255

Square

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



124, 207, 195



0, 115, 255



230, 166, 254



255, 182, 121

Rectangle

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



124, 207, 195



0, 110, 214



230, 166, 254



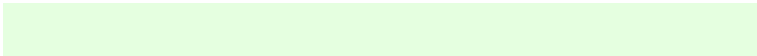
255, 150, 179

Sweetspot

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



124, 207, 195



224, 255, 250



138, 207, 124



110, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

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



124, 207, 195



133, 255, 238



124, 186, 207



94, 105, 103



0, 168, 144



0, 41, 35

Inverse Universe

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



195, 124, 207



237, 133, 255



207, 124, 178



103, 94, 105



144, 0, 168



35, 0, 41

Previews

White Background



This preview shows how the RYB color 124, 207, 195 looks on a white background.

Color Contrast Check

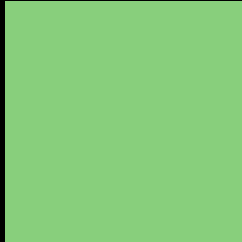
Large Text (above 18pt) WCAG AA × Fail

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, 207, 195 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, 207, 195 Background



This preview shows how black text looks on a background with the RYB color 124, 207, 195.

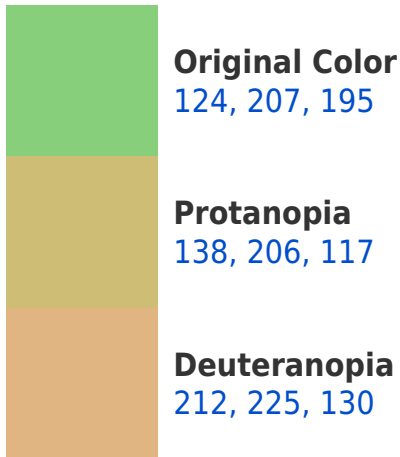


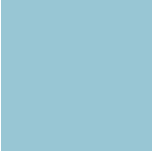
This preview shows how white text looks on a background with the RYB color 124, 207, 195.

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
152, 178, 212

Trichromacy



Original Color

124, 207, 195



Protanomaly

120, 196, 135



Deuteranomaly

131, 193, 128



Tritanomaly

146, 180, 201

Monochromacy



Original Color

124, 207, 195



Achromatopsia

176, 176, 176



Achromatomaly

157, 187, 183

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 207, 195 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(136, 207, 124)` looks like.

```
.text, #text, p{  
    color:rgb(136, 207, 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(136, 207, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 207, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 207, 195 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(136, 207, 124) }
```

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

```
.border{ border-color:rgb(136, 207, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 207, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 207, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 207, 124);  
box-shadow:4px 4px 4px 4px rgb(136, 207,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 207, 195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 207, 124) }
```

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

```
.background{ background-color: rgb(136,  
207, 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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