

Converting Colors

`RYB(124, 233, 206)`

Have a look what the booklet for
RYB(124, 233, 206) contains.

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Color

R_YB(124, 233, 206)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 97E97C |
| RGB | 151, 233, 124 |
| RGB Percent | 59%, 91%, 49% |
| CMY | 0.4078, 0.0863, 0.5137 |
| CMYK | 0.35, 0.00, 0.47, 0.09 |
| HSL | 105°, 71%, 70% |
| HSV | 105°, 47%, 91% |
| XYZ | 45.5395, 66.3124, 29.4682 |
| YIQ | 196.0560, -13.8830, -51.2830 |

Conversions

Conversions Part 2

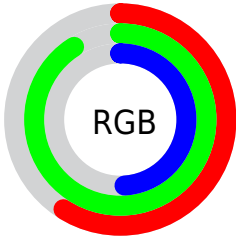
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 124, 233, 206 |
| Decimal | 9955708 |
| CIELab | 85.16, -44.77, 45.04 |
| CIELCh | 85, 63.501, 134.827 |
| Yxy | 66.3124, 0.3222, 0.4692 |
| Android (android.graphics.Color) | 4288145788 (0xFF97E97C) |
| YUV | 196.0560, -35.5236, -39.5141 |
| Hunter-Lab | 81.4324, -42.6840, 35.5473 |

Details

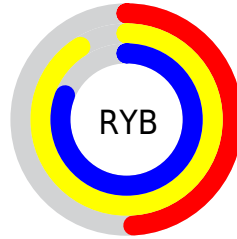
The RYB color **124, 233, 206** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **206, 124, 233**, and the grayscale version is **196, 196, 196**.

A 20% lighter version of the original color is **178, 255, 225**, and **72, 177, 154** is the 20% darker color. If you saturate the color by 10%, you get **101, 233, 201**, and if you desaturate by 10%, it is **147, 233, 211**.

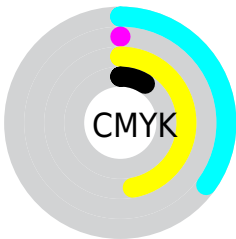
Distribution



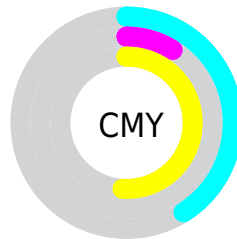
- Red (59%)
- Green (91%)
- Blue (49%)



- Red (49%)
- Yellow (91%)
- Blue (81%)



- Cyan (35%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)



- Cyan (41%)
- Magenta (9%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 233, 206 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, 233, 206 by changing the saturation by 10% instead.

 124, 233, 206

255, 255, 255


 178, 255, 225


 206, 255, 223


 235, 255, 235

 124, 233, 206

 98, 205, 180

 72, 177, 154

 46, 150, 129

 18, 123, 105

 0, 98, 98

 0, 73, 73

 0, 50, 50

 0, 27, 27

 0, 0, 0


 124, 233, 206

 124, 233, 206

 101, 233, 201

 147, 233, 211

 77, 233, 194

 171, 233, 218

 54, 233, 189

 194, 233, 223

 31, 233, 183

 217, 233, 229

 8, 233, 178

 239, 233, 241

 0, 233, 175

 255, 233, 255

Harmonies

Analogous

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



91, 219, 91



124, 233, 206



27, 152, 241

Triad

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



124, 233, 206



0, 120, 255



255, 162, 185

Complementary

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



124, 233, 206



206, 124, 233

Split Complementary

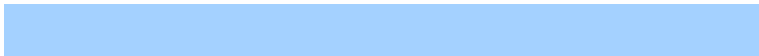
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



255, 165, 246



124, 233, 206



164, 194, 255

Square

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



124, 233, 206



0, 123, 255



255, 185, 255



255, 202, 131

Rectangle

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



124, 233, 206



0, 127, 243



255, 185, 255



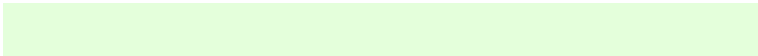
255, 161, 205

Sweetspot

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



124, 233, 206



219, 255, 246



160, 233, 124



106, 128, 123



0, 0, 0



128, 128, 128

Same Dimension

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



124, 233, 206



112, 255, 219



124, 211, 233



106, 117, 115



0, 181, 136



0, 54, 41

Inverse Universe

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



206, 124, 233



220, 112, 255



233, 124, 206



114, 106, 117



136, 0, 181



40, 0, 54

Previews

White Background



This preview shows how the RYB color 124, 233, 206 looks on a white background.

Color Contrast Check

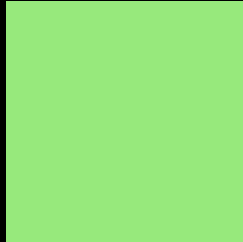
Large Text (above 18pt) WCAG AA × Fail

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, 233, 206 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, 233, 206 Background



This preview shows how black text looks on a background with the RYB color 124, 233, 206.

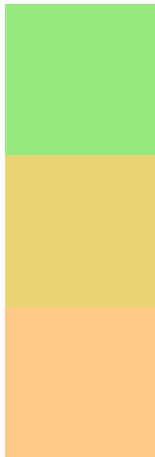


This preview shows how white text looks on a background with the RYB color 124, 233, 206.

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
124, 233, 206

Protanopia
142, 233, 116

Deuteranopia
228, 255, 134



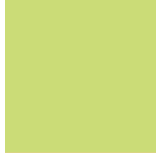
Tritanopia
170, 199, 238

Trichromacy



Original Color

124, 233, 206



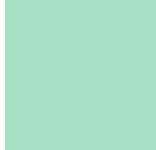
Protanomaly

119, 220, 136



Deuteranomaly

134, 217, 130



Tritanomaly

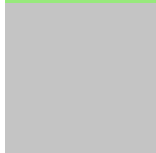
163, 203, 225

Monochromacy



Original Color

124, 233, 206



Achromatopsia

196, 196, 196



Achromatomaly

170, 209, 199

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 233, 206 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(151, 233, 124)` looks like.

```
.text, #text, p{  
    color:rgb(151, 233, 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(151, 233, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 233, 124) }
```

Border

The CSS property to change the border of an element to RYB 124, 233, 206 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(151, 233, 124) }
```

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

```
.border{ border-color:rgb(151, 233, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 233, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 233, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 233, 124);  
box-shadow:4px 4px 4px 4px rgb(151, 233,  
124) }
```

Background

The CSS property to change the background color of an element to RYB 124, 233, 206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 233, 124) }
```

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

```
.background{ background-color: rgb(151,  
233, 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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