

Converting Colors

`RYB(124, 198, 227)`

Have a look what the booklet for
RYB(124, 198, 227) contains.

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Color

R_YB(124, 198, 227)

Conversions

Conversions Part 1

Format	Color
Hex	7CE3A4
RGB	124, 227, 164
RGB Percent	49%, 89%, 64%
CMY	0.5137, 0.1098, 0.3554
CMYK	0.45, 0.00, 0.28, 0.11
HSL	144°, 65%, 69%
HSV	144°, 45%, 89%
XYZ	42.5151, 61.9168, 45.0053
YIQ	189.0210, -41.1650, -41.4290

Conversions

Conversions Part 2

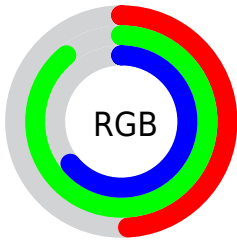
Format	Color
RYB	124, 198, 227
Decimal	8184740
CIELab	82.87, -43.77, 21.48
CIELCh	83, 48.759, 153.858
Yxy	61.9168, 0.2845, 0.4143
Android (android.graphics.Color)	4286374820 (0xFF7CE3A4)
YUV	189.0210, -12.3354, -57.0234
Hunter-Lab	78.6872, -41.2582, 21.1700

Details

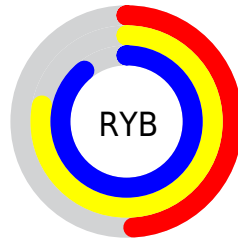
The RYB color **124, 198, 227** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **227, 124, 187**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **181, 230, 255**, and **66, 139, 171** is the 20% darker color. If you saturate the color by 10%, you get **101, 191, 227**, and if you desaturate by 10%, it is **147, 205, 227**.

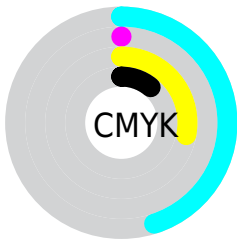
Distribution



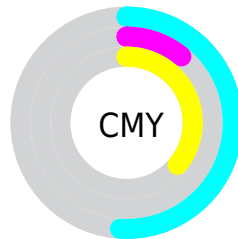
- Red (49%)
- Green (89%)
- Blue (64%)



- Red (49%)
- Yellow (78%)
- Blue (89%)



- Cyan (45%)
- Magenta (0%)
- Yellow (28%)
- Black (11%)



- Cyan (51%)
- Magenta (11%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 198, 227 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, 198, 227 by changing the saturation by 10% instead.


 124, 198, 227


255, 255, 255


 181, 229, 255


 210, 234, 255

 240, 248, 255

 124, 198, 227

 96, 169, 199

 66, 139, 171


 33, 107, 144

 0, 77, 118

 0, 64, 92

 0, 53, 68


 0, 45, 45

 0, 18, 18


 0, 0, 0

 124, 198, 227


 124, 198, 227

 101, 191, 227


 147, 205, 227

 79, 185, 227


 169, 211, 227

 56, 179, 227

 192, 217, 227

 33, 172, 227

 215, 223, 227

 11, 167, 227

 238, 227, 233

 0, 163, 227

 255, 227, 247

 255, 227, 255

Harmonies

Analogous

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



128, 219, 166



124, 198, 227



36, 138, 230

Triad

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



124, 198, 227



146, 186, 255



255, 179, 158

Complementary

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



124, 198, 227



227, 124, 187

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, 169, 202



124, 198, 227



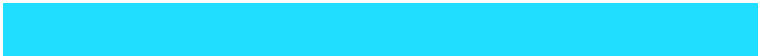
219, 192, 255

Square

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



124, 198, 227



31, 134, 255



255, 176, 248



255, 255, 125

Rectangle

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



124, 198, 227



0, 118, 242



255, 176, 248



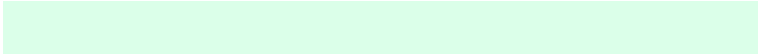
255, 172, 172

Sweetspot

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



124, 198, 227



219, 245, 255



124, 227, 163



106, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 198, 227



117, 216, 255



124, 179, 227



103, 111, 115



0, 129, 179



0, 37, 51

Inverse Universe

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



227, 124, 187



255, 117, 201



227, 124, 136



115, 103, 110



179, 0, 109



51, 0, 31

Previews

White Background



This preview shows how the RYB color 124, 198, 227 looks on a white background.

Color Contrast Check

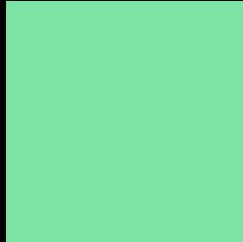
Large Text (above 18pt) WCAG AA × Fail

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, 198, 227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

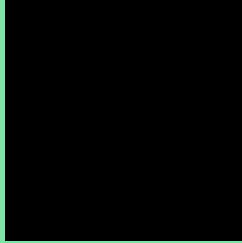
Any Text WCAG AA ✓ Pass

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, 198, 227 Background



This preview shows how black text looks on a background with the RYB color 124, 198, 227.

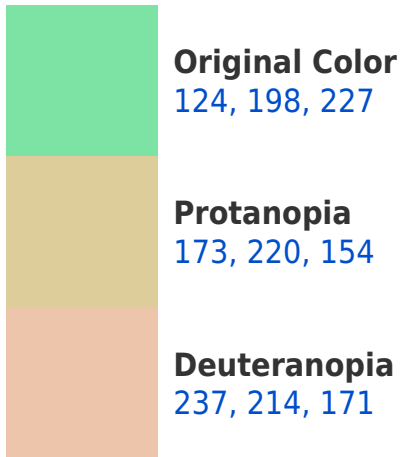


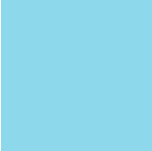
This preview shows how white text looks on a background with the RYB color 124, 198, 227.

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
141, 183, 235

Trichromacy



Original Color

124, 198, 227



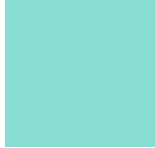
Protanomaly

158, 213, 186



Deuteranomaly

169, 208, 181



Tritanomaly

135, 181, 221

Monochromacy



Original Color

124, 198, 227



Achromatopsia

189, 189, 189



Achromatomaly

165, 192, 203

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 198, 227 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(124, 227, 164)` looks like.

```
.text, #text, p{  
    color:rgb(124, 227, 164)  
}
```

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(124, 227, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 227, 164) }
```

Border

The CSS property to change the border of an element to RYB 124, 198, 227 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(124, 227, 164) }
```

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

```
.border{ border-color:rgb(124, 227, 164) }
```

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

Here you see how a box with a 4 pixel rgb(124, 227, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 227, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 227, 164);  
box-shadow:4px 4px 4px 4px rgb(124, 227,  
164) }
```

Background

The CSS property to change the background color of an element to RYB 124, 198, 227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 227, 164) }
```

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

```
.background{ background-color: rgb(124,  
227, 164) }
```

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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