

Converting Colors

`RYB(124, 186, 234)`

Have a look what the booklet for
RYB(124, 186, 234) contains.

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Color

R_YB(124, 186, 234)

Conversions

Conversions Part 1

Format	Color
Hex	7CEAD1
RGB	124, 234, 209
RGB Percent	49%, 92%, 82%
CMY	0.5137, 0.0824, 0.1798
CMYK	0.47, 0.00, 0.11, 0.08
HSL	166°, 72%, 70%
HSV	166°, 47%, 92%
XYZ	49.2636, 67.7422, 70.9054
YIQ	198.2600, -57.5350, -31.0950

Conversions

Conversions Part 2

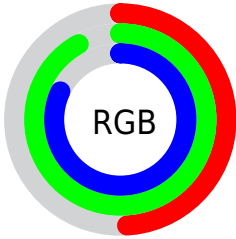
Format	Color
RYB	124, 186, 234
Decimal	8186577
CIELab	85.88, -37.49, 2.30
CIELCh	86, 37.561, 176.496
Yxy	67.7422, 0.2622, 0.3605
Android (android.graphics.Color)	4286376657 (0xFF7CEAD1)
YUV	198.2600, 5.2948, -65.1260
Hunter-Lab	82.3056, -37.1946, 6.5362

Details

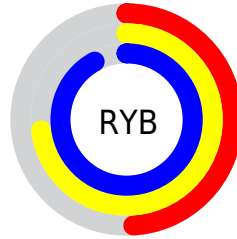
The RYB color **124, 186, 234** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **234, 124, 149**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **182, 219, 255**, and **64, 127, 178** is the 20% darker color. If you saturate the color by 10%, you get **101, 176, 234**, and if you desaturate by 10%, it is **147, 196, 234**.

Distribution



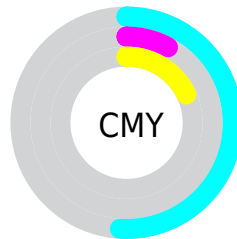
- Red (49%)
- Green (92%)
- Blue (82%)



- Red (49%)
- Yellow (73%)
- Blue (92%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)




- Cyan (51%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the RYB color 124, 186, 234 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, 186, 234 by changing the saturation by 10% instead.

 124, 186, 234


255, 255, 255


 182, 219, 255

 212, 234, 255

 241, 248, 255

 124, 186, 234

 95, 157, 206

 64, 127, 178

 25, 94, 151

 0, 67, 124


 0, 55, 99

 0, 42, 74


 0, 29, 50

 0, 20, 29


 0, 0, 0


 124, 186, 234


 124, 186, 234

 101, 176, 234


 147, 196, 234

 77, 165, 234

 171, 206, 234

 54, 156, 234


 194, 217, 234

 30, 145, 234

 218, 227, 234

 7, 135, 234

 241, 234, 236

 0, 132, 234

 255, 234, 241

 255, 234, 246

 255, 234, 251

 255, 234, 255

Harmonies

Analogous

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



165, 222, 230



124, 186, 234



97, 168, 245

Triad

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



124, 186, 234



214, 207, 255



255, 231, 157

Complementary

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



124, 186, 234



234, 124, 149

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, 190, 185



124, 186, 234



255, 195, 254

Square

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



124, 186, 234



161, 197, 255



255, 188, 220



191, 243, 144

Rectangle

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



124, 186, 234



101, 171, 255



255, 188, 220



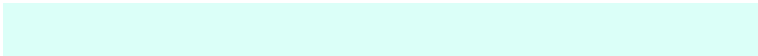
255, 210, 165

Sweetspot

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



124, 186, 234



219, 239, 255



124, 234, 208



106, 118, 128



0, 0, 0



128, 128, 128

Same Dimension

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



124, 186, 234



112, 193, 255



124, 171, 234



106, 112, 117



0, 102, 181



0, 31, 54

Inverse Universe

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



234, 124, 149



255, 112, 144



234, 163, 124



117, 106, 108



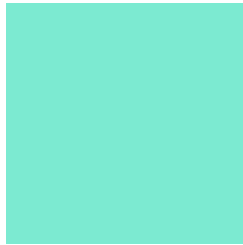
181, 0, 41



54, 0, 12

Previews

White Background



This preview shows how the RYB color 124, 186, 234 looks on a white background.

Color Contrast Check

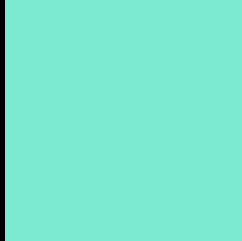
Large Text (above 18pt) WCAG AA × Fail

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, 186, 234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

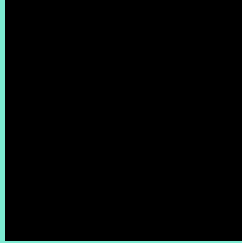
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

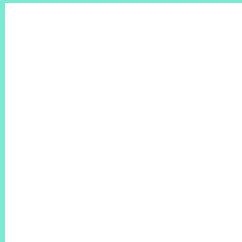
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RYB 124, 186, 234 Background



This preview shows how black text looks on a background with the RYB color 124, 186, 234.

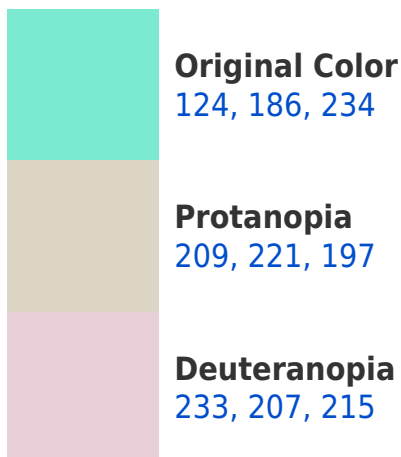



This preview shows how white text looks on a background with the RYB color 124, 186, 234.

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





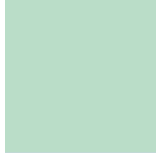
Tritanopia
135, 186, 247

Trichromacy



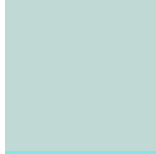
Original Color

124, 186, 234



Protanomaly

186, 211, 221



Deuteranomaly

193, 206, 217



Tritanomaly

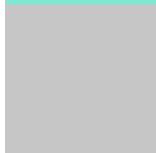
131, 181, 233

Monochromacy



Original Color

124, 186, 234



Achromatopsia

198, 198, 198



Achromatomaly

171, 194, 211

CSS Examples

Text

The CSS property to change the color of the text to RYB 124, 186, 234 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, 234, 209)` looks like.

```
.text, #text, p{  
    color:rgb(124, 234, 209)  
}
```

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, 234, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 234, 209) }
```

Border

The CSS property to change the border of an element to RYB 124, 186, 234 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, 234, 209) }
```

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

```
.border{ border-color:rgb(124, 234, 209) }
```

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

Here you see how a box with a 4 pixel rgb(124, 234, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 234, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 234, 209);  
box-shadow:4px 4px 4px 4px rgb(124, 234,  
209) }
```

Background

The CSS property to change the background color of an element to RYB 124, 186, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 234, 209) }
```

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

```
.background{ background-color: rgb(124,  
234, 209) }
```

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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