

Converting Colors

`RYB(121, 193, 238)`

Have a look what the booklet for
RYB(121, 193, 238) contains.

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Color

R_YB(121, 193, 238)

Conversions

Conversions Part 1

Format	Color
Hex	79EEC2
RGB	121, 238, 194
RGB Percent	47%, 93%, 76%
CMY	0.5255, 0.0667, 0.2387
CMYK	0.49, 0.00, 0.18, 0.07
HSL	158°, 77%, 70%
HSV	158°, 49%, 93%
XYZ	48.2113, 69.1147, 61.9120
YIQ	198.0010, -55.6080, -38.4880

Conversions

Conversions Part 2

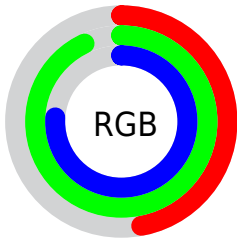
Format	Color
RYB	121, 193, 238
Decimal	7990978
CIELab	86.56, -43.32, 11.14
CIELCh	87, 44.725, 165.581
Yxy	69.1147, 0.2690, 0.3856
Android (android.graphics.Color)	4286181058 (0xFF79EEC2)
YUV	198.0010, -1.9725, -67.5299
Hunter-Lab	83.1352, -41.9719, 14.0405

Details

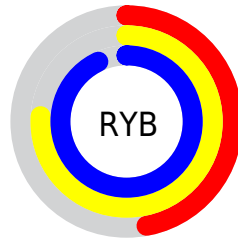
The RYB color **121, 193, 238** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **238, 121, 165**, and the grayscale version is **198, 198, 198**.

A 20% lighter version of the original color is **179, 218, 255**, and **60, 133, 181** is the 20% darker color. If you saturate the color by 10%, you get **97, 184, 238**, and if you desaturate by 10%, it is **145, 202, 238**.

Distribution



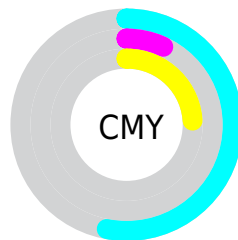
- Red (47%)
- Green (93%)
- Blue (76%)



- Red (47%)
- Yellow (76%)
- Blue (93%)



- Cyan (49%)
- Magenta (0%)
- Yellow (18%)
- Black (7%)




- Cyan (53%)
- Magenta (7%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the RYB color 121, 193, 238 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 121, 193, 238 by changing the saturation by 10% instead.


 121, 193, 238


255, 255, 255


 179, 218, 255

 209, 232, 255

 239, 247, 255

 121, 193, 238

 91, 163, 209


 60, 132, 181


 16, 96, 154

 0, 74, 127


 0, 62, 102


 0, 49, 77


 0, 36, 53

 0, 31, 31


 0, 0, 0

 121, 193, 238


 121, 193, 238

 97, 184, 238


 145, 202, 238

 73, 175, 238

 169, 212, 238

 50, 166, 238

 192, 220, 238

 26, 157, 238

 216, 229, 238

 2, 147, 238

 240, 238, 239

 0, 146, 238

 255, 238, 248

 255, 238, 255

Harmonies

Analogous

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



156, 232, 213



121, 193, 238



60, 150, 239

Triad

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



121, 193, 238



191, 207, 255



255, 213, 158

Complementary

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



121, 193, 238



238, 121, 165

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, 184, 196



121, 193, 238



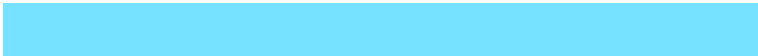
249, 198, 255

Square

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



121, 193, 238



119, 179, 255



255, 186, 239



215, 255, 135

Rectangle

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



121, 193, 238



35, 141, 255



255, 186, 239



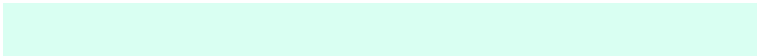
255, 195, 169

Sweetspot

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



121, 193, 238



217, 240, 255



121, 238, 193



105, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



121, 193, 238



105, 197, 255



121, 176, 238



108, 116, 120



0, 113, 184



0, 34, 56

Inverse Universe

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



238, 121, 165



255, 105, 161



238, 137, 121



120, 108, 112



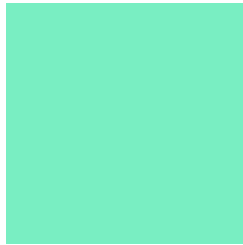
184, 0, 69



56, 0, 21

Previews

White Background



This preview shows how the RYB color 121, 193, 238 looks on a white background.

Color Contrast Check

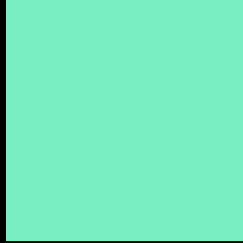
Large Text (above 18pt) WCAG AA × Fail

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 121, 193, 238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

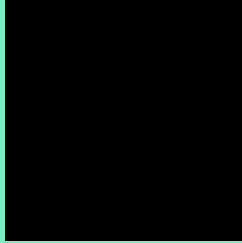
Any Text WCAG AA ✓ Pass

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 121, 193, 238 Background



This preview shows how black text looks on a background with the RYB color 121, 193, 238.

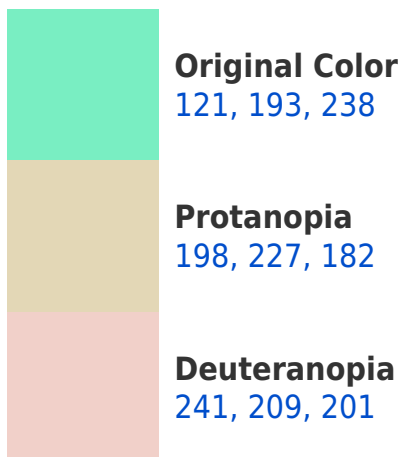



This preview shows how white text looks on a background with the RYB color 121, 193, 238.

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
136, 187, 249

Trichromacy



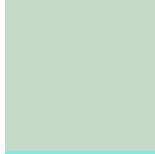
Original Color

121, 193, 238



Protanomaly

186, 223, 221



Deuteranomaly

197, 217, 219



Tritanomaly

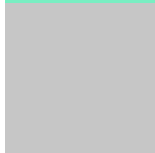
131, 183, 233

Monochromacy



Original Color

121, 193, 238



Achromatopsia

198, 198, 198



Achromatomaly

170, 196, 213

CSS Examples

Text

The CSS property to change the color of the text to RYB 121, 193, 238 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(121, 238, 194)` looks like.

```
.text, #text, p{  
    color:rgb(121, 238, 194)  
}
```

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(121, 238, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 238, 194) }
```

Border

The CSS property to change the border of an element to RYB 121, 193, 238 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(121, 238, 194) }
```

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

```
.border{ border-color:rgb(121, 238, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 238, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 238, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 238, 194); box-shadow:4px 4px 4px 4px rgb(121, 238, 194) }
```

Background

The CSS property to change the background color of an element to RYB 121, 193, 238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 238, 194) }
```

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

```
.background{ background-color: rgb(121,  
238, 194) }
```

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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