

Converting Colors

`RYB(151, 184, 232)`

Have a look what the booklet for
RYB(151, 184, 232) contains.

RYB(151, 184, 232)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

R_YB(151, 184, 232)

Conversions

Conversions Part 1

Format	Color
Hex	97CFE8
RGB	151, 207, 232
RGB Percent	59%, 81%, 91%
CMY	0.4078, 0.1895, 0.0902
CMYK	0.35, 0.11, 0.00, 0.09
HSL	199°, 64%, 75%
HSV	199°, 35%, 91%
XYZ	49.5652, 56.8799, 84.7105
YIQ	193.1060, -41.4010, -4.0970

Conversions

Conversions Part 2

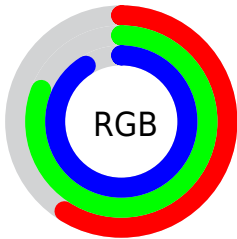
Format	Color
RYB	151, 184, 232
Decimal	9949160
CIELab	80.11, -11.82, -18.24
CIElCh	80, 21.732, 237.044
Yxy	56.8799, 0.2593, 0.2976
Android (android.graphics.Color)	4288139240 (0xFF97CFE8)
YUV	193.1060, 19.1747, -36.9270
Hunter-Lab	75.4187, -14.6727, -13.8015

Details

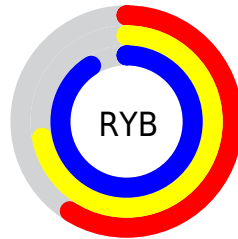
The RYB color **151, 184, 232** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **232, 187, 151**, and the grayscale version is **193, 193, 193**.

A 20% lighter version of the original color is **207, 231, 255**, and **97, 130, 176** is the 20% darker color. If you saturate the color by 10%, you get **128, 170, 232**, and if you desaturate by 10%, it is **174, 198, 232**.

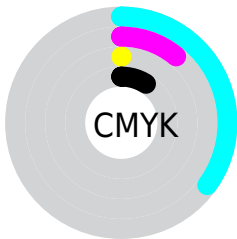
Distribution



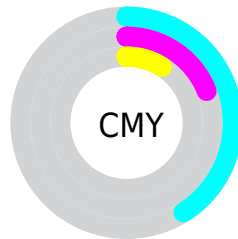
- Red (59%)
- Green (81%)
- Blue (91%)



- Red (59%)
- Yellow (72%)
- Blue (91%)



- Cyan (35%)
- Magenta (11%)
- Yellow (0%)
- Black (9%)




- Cyan (41%)
- Magenta (19%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the RYB color 151, 184, 232 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 151, 184, 232 by changing the saturation by 10% instead.


 151, 184, 232


255, 255, 255


 207, 231, 255

 236, 246, 255

 151, 184, 232


 124, 157, 204

 97, 129, 176

 70, 103, 150

 42, 76, 124


 3, 45, 99


 0, 32, 75


 0, 20, 52

 0, 3, 31

 0, 0, 3

 151, 184, 232


 151, 184, 232

 128, 170, 232


 174, 198, 232

 105, 157, 232


 197, 211, 232

 81, 143, 232


 221, 225, 232

 58, 129, 232

 244, 238, 232

 35, 115, 232

 255, 253, 232

 12, 102, 232

 238, 255, 232

 0, 95, 232

 232, 255, 232

Harmonies

Analogous

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



143, 178, 216



151, 184, 232



173, 193, 239

Triad

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



151, 184, 232



238, 185, 201



162, 203, 171

Complementary

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



151, 184, 232



232, 187, 151

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.



186, 216, 158



151, 184, 232



241, 185, 181

Square

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



151, 184, 232



223, 188, 221



233, 205, 165



171, 204, 208

Rectangle

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



151, 184, 232



191, 196, 237



233, 205, 165



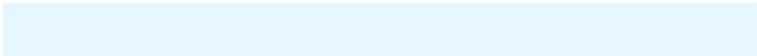
161, 202, 160

Sweetspot

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



151, 184, 232



230, 240, 255



151, 213, 232



112, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



151, 184, 232



148, 192, 255



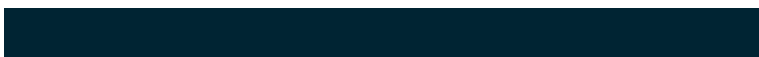
151, 164, 232



103, 108, 115



0, 73, 179



0, 21, 51

Inverse Universe

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



232, 151, 207



255, 148, 222



171, 232, 151



115, 103, 111



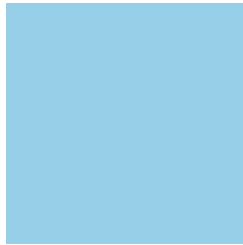
179, 0, 123



51, 0, 35

Previews

White Background



This preview shows how the RYB color 151, 184, 232 looks on a white background.

Color Contrast Check

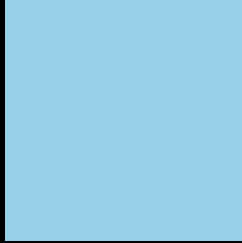
Large Text (above 18pt) WCAG AA × Fail

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 151, 184, 232 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 151, 184, 232 Background



This preview shows how black text looks on a background with the RYB color 151, 184, 232.



This preview shows how white text looks on a background with the RYB color 151, 184, 232.

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](#).

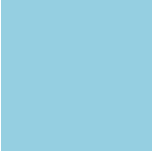
Dichromacy



Original Color
151, 184, 232

Protanopia
193, 196, 225

Deuteranopia
199, 193, 235



Tritanopia
149, 182, 225

Trichromacy



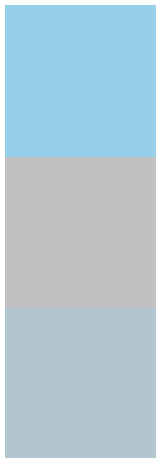
Original Color
151, 184, 232

Protanomaly
178, 193, 228

Deuteranomaly
182, 194, 234

Tritanomaly
150, 183, 228

Monochromacy



Original Color
151, 184, 232

Achromatopsia
193, 193, 193

Achromatomaly
178, 190, 207

CSS Examples

Text

The CSS property to change the color of the text to RYB 151, 184, 232 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, 207, 232)` looks like.

```
.text, #text, p{  
    color:rgb(151, 207, 232)  
}
```

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, 207, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 207, 232) }
```

Border

The CSS property to change the border of an element to RYB 151, 184, 232 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, 207, 232) }
```

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

```
.border{ border-color:rgb(151, 207, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 207, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 207, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 207, 232); box-shadow:4px 4px 4px 4px rgb(151, 207, 232) }
```

Background

The CSS property to change the background color of an element to RYB 151, 184, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 207, 232) }
```

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

```
.background{ background-color: rgb(151,  
207, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor