

Converting Colors

`RYB(155, 201, 248)`

Have a look what the booklet for
RYB(155, 201, 248) contains.

RYB(155, 201, 248)	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(155, 201, 248)

Conversions

Conversions Part 1

Format	Color
Hex	9BF6F8
RGB	155, 246, 248
RGB Percent	61%, 96%, 97%
CMY	0.3922, 0.0352, 0.0275
CMYK	0.38, 0.01, 0.00, 0.03
HSL	181°, 87%, 79%
HSV	181°, 38%, 97%
XYZ	63.4231, 79.6704, 100.8421
YIQ	219.0190, -54.8780, -18.6700

Conversions

Conversions Part 2

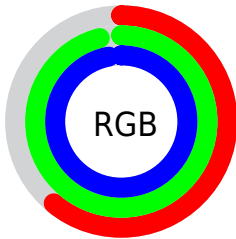
Format	Color
R _Y B	155, 201, 248
Decimal	10221304
CIE Lab	91.54, -26.60, -9.54
CIE LCh	92, 28.256, 199.737
Yxy	79.6704, 0.2600, 0.3266
Android (android.graphics.Color)	4288411384 (0xFF9BF6F8)
YUV	219.0190, 14.2876, -56.1447
Hunter-Lab	89.2583, -29.3675, -4.5038

Details

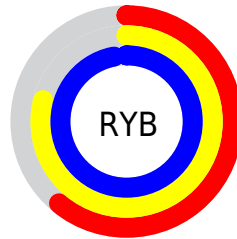
The RYB color **155, 201, 248** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **248, 157, 155**, and the grayscale version is **219, 219, 219**.

A 20% lighter version of the original color is **213, 234, 255**, and **98, 144, 192** is the 20% darker color. If you saturate the color by 10%, you get **130, 188, 248**, and if you desaturate by 10%, it is **180, 214, 248**.

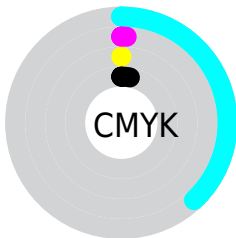
Distribution



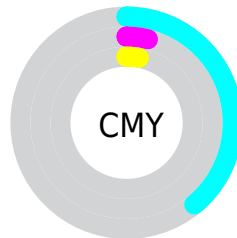
- Red (61%)
- Green (96%)
- Blue (97%)



- Red (61%)
- Yellow (79%)
- Blue (97%)



- Cyan (38%)
- Magenta (1%)
- Yellow (0%)
- Black (3%)



- Cyan (39%)
- Magenta (4%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 201, 248 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 155, 201, 248 by changing the saturation by 10% instead.


 155, 201, 248


255, 255, 255


 213, 234, 255

 243, 249, 255

 155, 201, 248

 126, 172, 219

 98, 144, 192

 69, 116, 165

 35, 86, 138

 0, 56, 113

 0, 43, 88


 0, 32, 65

 0, 20, 43

 0, 8, 23

 155, 201, 248


 155, 201, 248

 130, 188, 248


 180, 214, 248

 105, 176, 248


 205, 226, 248

 81, 163, 248

 229, 239, 248

 56, 151, 248

 254, 248, 248

 31, 138, 248

 255, 249, 248

 6, 126, 248

 255, 251, 248

 0, 123, 248

 255, 253, 248

Harmonies

Analogous

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



173, 217, 246



155, 201, 248



159, 204, 255

Triad

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



155, 201, 248



255, 218, 255



225, 255, 178

Complementary

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



155, 201, 248



248, 157, 155

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, 236, 190



155, 201, 248



255, 212, 241

Square

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



155, 201, 248



223, 227, 255



255, 212, 214



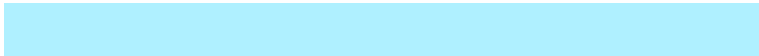
179, 235, 182

Rectangle

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



155, 201, 248



175, 211, 255



255, 212, 214



237, 255, 181

Sweetspot

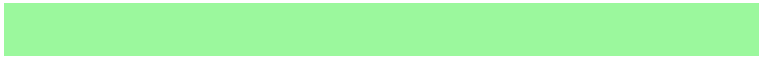
The Sweet Spot groups the original color and five complimentary colors.



155, 201, 248



227, 241, 255



155, 246, 248



111, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 201, 248



140, 197, 255



155, 185, 248



112, 119, 125



0, 93, 189



0, 30, 61

Inverse Universe

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



248, 155, 246



255, 140, 253



242, 248, 155



125, 112, 125



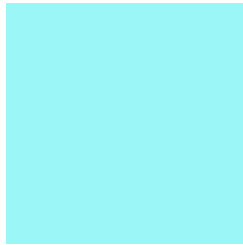
189, 0, 185



61, 0, 60

Previews

White Background



This preview shows how the RYB color 155, 201, 248 looks on a white background.

Color Contrast Check

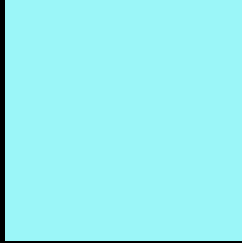
Large Text (above 18pt) WCAG AA × Fail

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 155, 201, 248 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](#).

R Y B 155, 201, 248 Background



This preview shows how black text looks on a background with the RYB color 155, 201, 248.

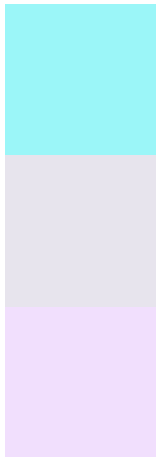


This preview shows how white text looks on a background with the RYB color 155, 201, 248.

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
155, 201, 248

Protanopia
231, 228, 237

Deuteranopia
241, 223, 253

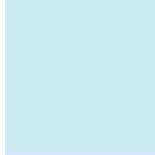


Tritanopia
181, 214, 255

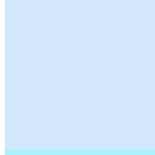
Trichromacy



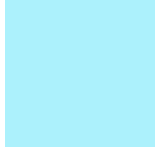
Original Color
155, 201, 248



Protanomaly
203, 220, 241



Deuteranomaly
210, 224, 251

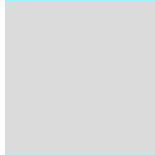


Tritanomaly
172, 209, 252

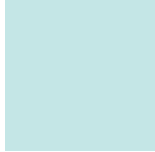
Monochromacy



Original Color
155, 201, 248



Achromatopsia
219, 219, 219



Achromatomaly
196, 213, 230

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 201, 248 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(155, 246, 248)` looks like.

```
.text, #text, p{  
    color:rgb(155, 246, 248)  
}
```

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(155, 246, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 246, 248) }
```

Border

The CSS property to change the border of an element to RYB 155, 201, 248 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(155, 246, 248) }
```

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

```
.border{ border-color:rgb(155, 246, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 246, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 246, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 246, 248);  
box-shadow:4px 4px 4px 4px rgb(155, 246,  
248) }
```

Background

The CSS property to change the background color of an element to RYB 155, 201, 248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 246, 248) }
```

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

```
.background{ background-color: rgb(155,  
246, 248) }
```

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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