

Converting Colors

`RYB(155, 203, 252)`

Have a look what the booklet for
RYB(155, 203, 252) contains.

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Color

RYB(155, 203, 252)

Conversions

Conversions Part 1

Format	Color
Hex	9BFAFC
RGB	155, 250, 252
RGB Percent	61%, 98%, 99%
CMY	0.3922, 0.0195, 0.0118
CMYK	0.38, 0.01, 0.00, 0.01
HSL	181°, 94%, 80%
HSV	181°, 38%, 99%
XYZ	65.2802, 82.3807, 104.5559
YIQ	221.8230, -57.2620, -19.5180

Conversions

Conversions Part 2

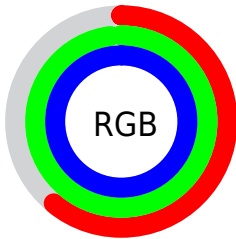
Format	Color
RYB	155, 203, 252
Decimal	10222332
CIELab	92.74, -27.57, -9.83
CIELCh	93, 29.269, 199.619
Yxy	82.3807, 0.2588, 0.3266
Android (android.graphics.Color)	4288412412 (0xFF9BFAFC)
YUV	221.8230, 14.8773, -58.6038
Hunter-Lab	90.7638, -30.4539, -4.7648

Details

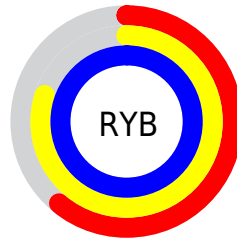
The RYB color **155, 203, 252** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **252, 157, 155**, and the grayscale version is **222, 222, 222**.

A 20% lighter version of the original color is **213, 234, 255**, and **97, 145, 195** is the 20% darker color. If you saturate the color by 10%, you get **130, 190, 252**, and if you desaturate by 10%, it is **180, 216, 252**.

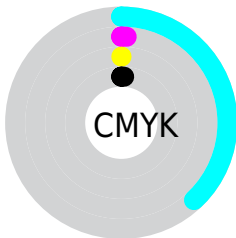
Distribution



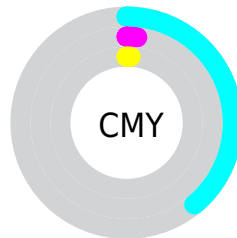
- Red (61%)
- Green (98%)
- Blue (99%)



- Red (61%)
- Yellow (80%)
- Blue (99%)



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



- Cyan (39%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 203, 252 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, 203, 252 by changing the saturation by 10% instead.

 155, 203, 252


255, 255, 255


 213, 234, 255

 243, 249, 255

 155, 203, 252

 126, 174, 223

 97, 145, 195

 67, 117, 168

 32, 86, 142

 0, 57, 116

 0, 45, 92


 0, 33, 68

 0, 22, 46


 0, 11, 26

 155, 203, 252


 155, 203, 252

 130, 190, 252


 180, 216, 252

 105, 178, 252


 205, 228, 252

 79, 164, 252

 231, 242, 252

 54, 152, 252

 255, 252, 252

 29, 139, 252

 255, 254, 252

 4, 127, 252

 254, 255, 252

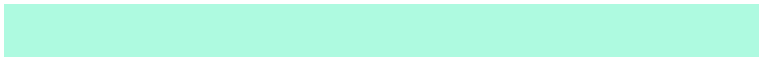
 0, 125, 252

 252, 255, 252

Harmonies

Analogous

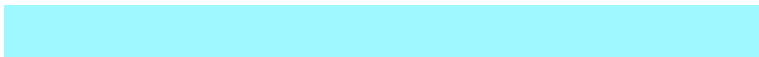
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174, 220, 250



155, 203, 252



159, 205, 255

Triad

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



155, 203, 252



255, 221, 255



219, 255, 179

Complementary

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



155, 203, 252



252, 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, 242, 192



155, 203, 252



255, 215, 245

Square

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



155, 203, 252



226, 230, 255



255, 215, 217



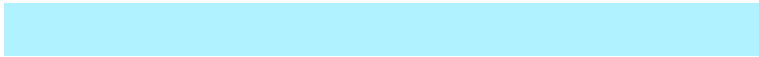
181, 238, 183

Rectangle

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



155, 203, 252



176, 212, 255



255, 215, 217



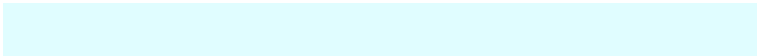
230, 255, 182

Sweetspot

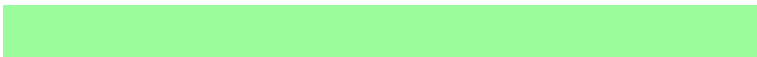
The Sweet Spot groups the original color and five complimentary colors.



155, 203, 252



224, 239, 255



155, 250, 252



110, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

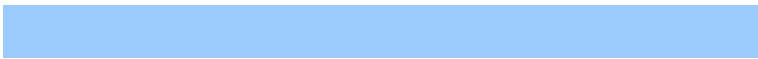
The Same Dimension uses a secret algorithm to generate beautiful new colors.



155, 203, 252



138, 196, 255



155, 187, 252



112, 119, 125



0, 93, 189



0, 30, 61

Inverse Universe

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



252, 155, 250



255, 138, 253



246, 252, 155



125, 112, 125



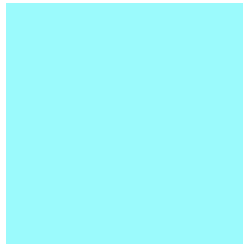
189, 0, 185



61, 0, 60

Previews

White Background



This preview shows how the RYB color 155, 203, 252 looks on a white background.

Color Contrast Check

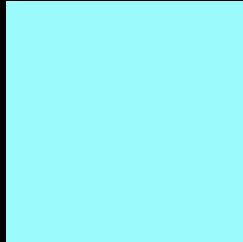
Large Text (above 18pt) WCAG AA × Fail

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, 203, 252 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 155, 203, 252 Background



This preview shows how black text looks on a background with the RYB color 155, 203, 252.

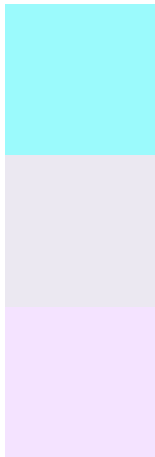


This preview shows how white text looks on a background with the RYB color 155, 203, 252.

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, 203, 252

Protanopia
235, 232, 241

Deuteranopia
244, 227, 255

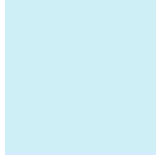


Tritanopia
192, 220, 255

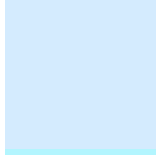
Trichromacy



Original Color
155, 203, 252



Protanomaly
206, 224, 245



Deuteranomaly
212, 227, 254

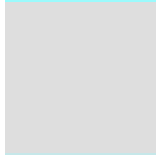


Tritanomaly
179, 214, 254

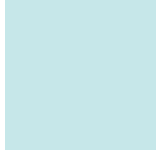
Monochromacy



Original Color
155, 203, 252



Achromatopsia
222, 222, 222



Achromatomaly
198, 215, 233

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 203, 252 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, 250, 252)` looks like.

```
.text, #text, p{  
    color:rgb(155, 250, 252)  
}
```

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, 250, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 250, 252) }
```

Border

The CSS property to change the border of an element to RYB 155, 203, 252 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, 250, 252) }
```

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

```
.border{ border-color:rgb(155, 250, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 250, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 250, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 250, 252);  
box-shadow:4px 4px 4px 4px rgb(155, 250,  
252) }
```

Background

The CSS property to change the background color of an element to RYB 155, 203, 252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 250, 252) }
```

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

```
.background{ background-color: rgb(155,  
250, 252) }
```

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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