

Converting Colors

`RYB(155, 205, 237)`

Have a look what the booklet for
RYB(155, 205, 237) contains.

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Color

`RYB(155, 205, 237)`

Conversions

Conversions Part 1

Format	Color
Hex	9BEDCF
RGB	155, 237, 207
RGB Percent	61%, 93%, 81%
CMY	0.3922, 0.0706, 0.1864
CMYK	0.35, 0.00, 0.12, 0.07
HSL	158°, 69%, 77%
HSV	158°, 35%, 93%
XYZ	55.1230, 72.0654, 70.3444
YIQ	209.0620, -39.2420, -26.7140

Conversions

Conversions Part 2

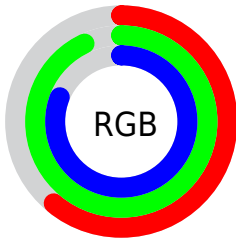
Format	Color
RYB	155, 205, 237
Decimal	10218959
CIELab	88.00, -31.31, 6.41
CIELCh	88, 31.960, 168.423
Yxy	72.0654, 0.2791, 0.3648
Android (android.graphics.Color)	4288409039 (0xFF9BEDCF)
YUV	209.0620, -1.0166, -47.4124
Hunter-Lab	84.8914, -32.6534, 10.2939

Details

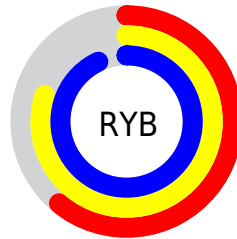
The RYB color **155, 205, 237** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **237, 155, 185**, and the grayscale version is **209, 209, 209**.

A 20% lighter version of the original color is **212, 234, 255**, and **100, 149, 181** is the 20% darker color. If you saturate the color by 10%, you get **131, 196, 237**, and if you desaturate by 10%, it is **179, 214, 237**.

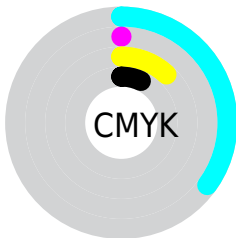
Distribution



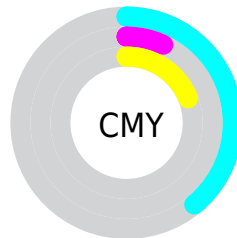
- Red (61%)
- Green (93%)
- Blue (81%)



- Red (61%)
- Yellow (80%)
- Blue (93%)



- Cyan (35%)
- Magenta (0%)
- Yellow (12%)
- Black (7%)



- Cyan (39%)
- Magenta (7%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 205, 237 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, 205, 237 by changing the saturation by 10% instead.


 155, 205, 237


255, 255, 255


 212, 234, 255

 241, 248, 255

 155, 205, 237

 127, 177, 209

 100, 149, 181

 73, 122, 154

 45, 93, 127

 7, 61, 102

 0, 45, 77


 0, 33, 54

 0, 25, 34

 0, 0, 0

 155, 205, 237


 155, 205, 237

 131, 196, 237


 179, 214, 237

 108, 187, 237


 202, 223, 237

 84, 177, 237


 226, 233, 237

 60, 168, 237

 250, 237, 242

 36, 158, 237

 255, 237, 250

 13, 150, 237

 255, 237, 255

 0, 144, 237

Harmonies

Analogous

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



180, 233, 224



155, 205, 237



132, 185, 239

Triad

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



155, 205, 237



209, 216, 255



255, 222, 176

Complementary

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



155, 205, 237



237, 155, 185

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, 199, 203



155, 205, 237



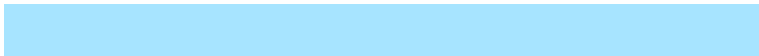
248, 207, 255

Square

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



155, 205, 237



167, 203, 255



255, 200, 234



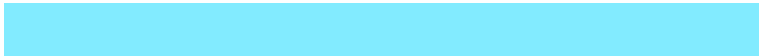
230, 254, 162

Rectangle

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



155, 205, 237



130, 187, 255



255, 200, 234



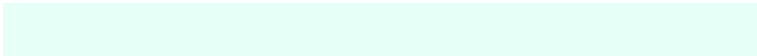
255, 208, 184

Sweetspot

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



155, 205, 237



230, 245, 255



155, 237, 207



112, 122, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 205, 237



148, 213, 255



155, 193, 237



106, 113, 117



0, 110, 181



0, 33, 54

Inverse Universe

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



237, 155, 185



255, 148, 186



237, 168, 155



117, 106, 110



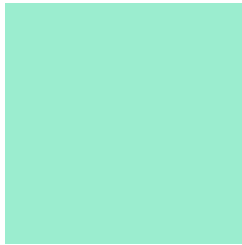
181, 0, 65



54, 0, 19

Previews

White Background



This preview shows how the RYB color 155, 205, 237 looks on a white background.

Color Contrast Check

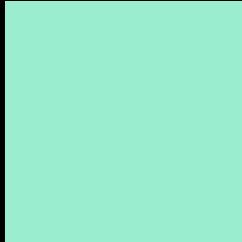
Large Text (above 18pt) WCAG AA × Fail

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, 205, 237 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, 205, 237 Background



This preview shows how black text looks on a background with the RYB color 155, 205, 237.



This preview shows how white text looks on a background with the RYB color 155, 205, 237.

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





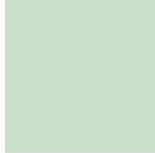
Tritanopia
165, 202, 250

Trichromacy



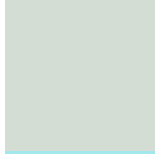
Original Color

155, 205, 237



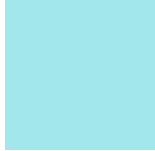
Protanomaly

201, 226, 225



Deuteranomaly

211, 221, 220



Tritanomaly

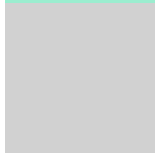
161, 197, 235

Monochromacy



Original Color

155, 205, 237



Achromatopsia

209, 209, 209



Achromatomaly

189, 207, 219

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 205, 237 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, 237, 207)` looks like.

```
.text, #text, p{  
    color:rgb(155, 237, 207)  
}
```

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, 237, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 237, 207) }
```

Border

The CSS property to change the border of an element to RYB 155, 205, 237 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, 237, 207) }
```

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

```
.border{ border-color:rgb(155, 237, 207) }
```

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

Here you see how a box with a 4 pixel rgb(155, 237, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 237, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 237, 207);  
box-shadow:4px 4px 4px 4px rgb(155, 237,  
207) }
```

Background

The CSS property to change the background color of an element to RYB 155, 205, 237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 237, 207) }
```

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

```
.background{ background-color: rgb(155,  
237, 207) }
```

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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