

Converting Colors

`RYB(155, 209, 245)`

Have a look what the booklet for
RYB(155, 209, 245) contains.

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Color

R_YB(155, 209, 245)

Conversions

Conversions Part 1

Format	Color
Hex	9BF5D7
RGB	155, 245, 215
RGB Percent	61%, 96%, 84%
CMY	0.3922, 0.0392, 0.1569
CMYK	0.37, 0.00, 0.12, 0.04
HSL	160°, 82%, 78%
HSV	160°, 37%, 96%
XYZ	58.4357, 77.1797, 76.1073
YIQ	214.6700, -44.0100, -28.4100

Conversions

Conversions Part 2

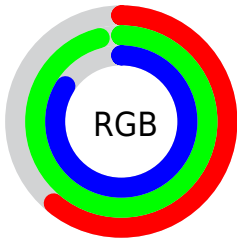
Format	Color
RYB	155, 209, 245
Decimal	10221015
CIELab	90.40, -33.48, 5.96
CIELCh	90, 34.008, 169.905
Yxy	77.1797, 0.2760, 0.3645
Android (android.graphics.Color)	4288411095 (0xFF9BF5D7)
YUV	214.6700, 0.1627, -52.3306
Hunter-Lab	87.8520, -35.0097, 10.1327

Details

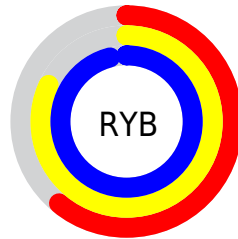
The RYB color **155, 209, 245** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **245, 155, 185**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **212, 234, 255**, and **99, 152, 188** is the 20% darker color. If you saturate the color by 10%, you get **131, 199, 245**, and if you desaturate by 10%, it is **179, 219, 245**.

Distribution



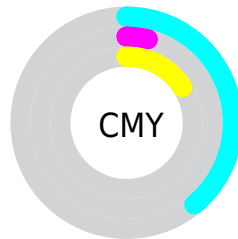
- Red (61%)
- Green (96%)
- Blue (84%)



- Red (61%)
- Yellow (82%)
- Blue (96%)



- Cyan (37%)
- Magenta (0%)
- Yellow (12%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the RYB color 155, 209, 245 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, 209, 245 by changing the saturation by 10% instead.


 155, 209, 245

 155, 209, 245


255, 255, 255

 127, 180, 216

 212, 234, 255

 99, 152, 188


 241, 248, 255

 71, 124, 161

 42, 95, 134

 0, 61, 109

 0, 49, 84


 0, 36, 60

 0, 25, 38

 0, 3, 3

 155, 209, 245


 155, 209, 245

 131, 199, 245


 179, 219, 245

 106, 189, 245


 204, 229, 245

 82, 180, 245

 228, 238, 245

 57, 170, 245

 253, 245, 248

 32, 160, 245

 255, 245, 255

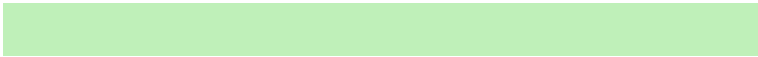
 8, 150, 245

 0, 147, 245

Harmonies

Analogous

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



185, 240, 234



155, 209, 245



130, 188, 248

Triad

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



155, 209, 245



217, 222, 255



255, 234, 179

Complementary

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



155, 209, 245



245, 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, 204, 207



155, 209, 245



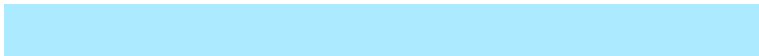
255, 212, 255

Square

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



155, 209, 245



171, 207, 255



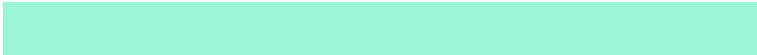
255, 205, 240



216, 255, 164

Rectangle

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



155, 209, 245



129, 189, 255



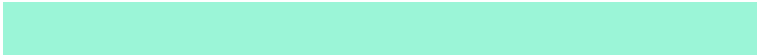
255, 205, 240



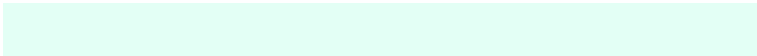
255, 217, 187

Sweetspot

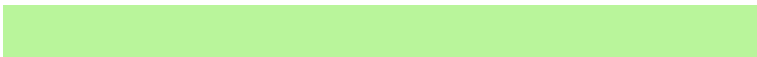
The Sweet Spot groups the original color and five complimentary colors.



155, 209, 245



227, 244, 255



155, 245, 215



111, 121, 128



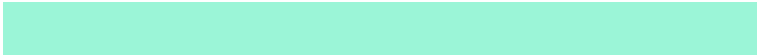
0, 0, 0



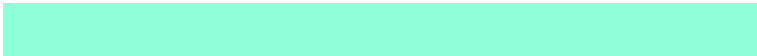
128, 128, 128

Same Dimension

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



155, 209, 245



143, 210, 255



155, 196, 245



110, 117, 122



0, 112, 186



0, 36, 59

Inverse Universe

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



245, 155, 185



255, 143, 180



245, 173, 155



122, 110, 114



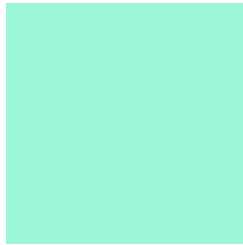
186, 0, 62



59, 0, 20

Previews

White Background



This preview shows how the RYB color 155, 209, 245 looks on a white background.

Color Contrast Check

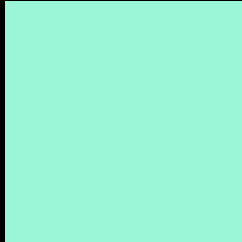
Large Text (above 18pt) WCAG AA × Fail

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, 209, 245 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, 209, 245 Background



This preview shows how black text looks on a background with the RYB color 155, 209, 245.



This preview shows how white text looks on a background with the RYB color 155, 209, 245.

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





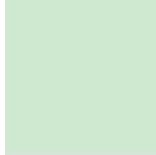
Tritanopia
173, 209, 255

Trichromacy



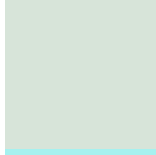
Original Color

155, 209, 245



Protanomaly

207, 231, 233



Deuteranomaly

215, 226, 228



Tritanomaly

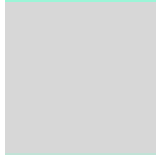
166, 204, 241

Monochromacy



Original Color

155, 209, 245



Achromatopsia

215, 215, 215



Achromatomaly

193, 213, 226

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 209, 245 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, 245, 215)` looks like.

```
.text, #text, p{  
    color:rgb(155, 245, 215)  
}
```

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, 245, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 245, 215) }
```

Border

The CSS property to change the border of an element to RYB 155, 209, 245 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, 245, 215) }
```

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

```
.border{ border-color:rgb(155, 245, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 245, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 245, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 245, 215);  
box-shadow:4px 4px 4px 4px rgb(155, 245,  
215) }
```

Background

The CSS property to change the background color of an element to RYB 155, 209, 245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 245, 215) }
```

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

```
.background{ background-color: rgb(155,  
245, 215) }
```

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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