

Converting Colors

`RYB(155, 209, 232)`

Have a look what the booklet for
RYB(155, 209, 232) contains.

RYB(155, 209, 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(155, 209, 232)

Conversions

Conversions Part 1

Format	Color
Hex	9BE8BC
RGB	155, 232, 188
RGB Percent	61%, 91%, 74%
CMY	0.3922, 0.0902, 0.2635
CMYK	0.33, 0.00, 0.19, 0.09
HSL	146°, 63%, 76%
HSV	146°, 33%, 91%
XYZ	51.4293, 68.3038, 57.9353
YIQ	203.9610, -31.7680, -30.0080

Conversions

Conversions Part 2

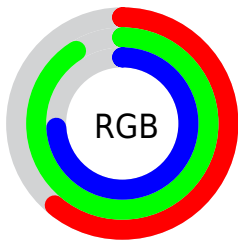
Format	Color
RYB	155, 209, 232
Decimal	10217660
CIELab	86.16, -32.90, 14.07
CIELCh	86, 35.782, 156.847
Yxy	68.3038, 0.2895, 0.3844
Android (android.graphics.Color)	4288407740 (0xFF9BE8BC)
YUV	203.9610, -7.8688, -42.9388
Hunter-Lab	82.6461, -33.5531, 16.2898

Details

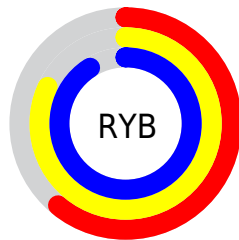
The RYB color **155, 209, 232** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **232, 155, 199**, and the grayscale version is **204, 204, 204**.

A 20% lighter version of the original color is **211, 236, 255**, and **101, 153, 176** is the 20% darker color. If you saturate the color by 10%, you get **132, 202, 232**, and if you desaturate by 10%, it is **178, 216, 232**.

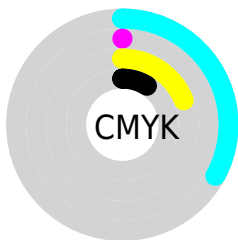
Distribution



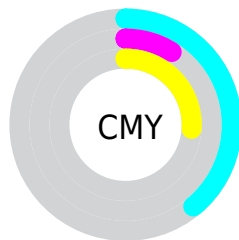
- Red (61%)
- Green (91%)
- Blue (74%)



- Red (61%)
- Yellow (82%)
- Blue (91%)



- Cyan (33%)
- Magenta (0%)
- Yellow (19%)
- Black (9%)



- Cyan (39%)
- Magenta (9%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 209, 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 155, 209, 232 by changing the saturation by 10% instead.


 155, 209, 232

 155, 209, 232


255, 255, 255

 128, 181, 204

 211, 236, 255

 101, 153, 176


 240, 248, 255


 74, 125, 149

 47, 98, 123

 15, 68, 98

 0, 48, 73

 0, 36, 50

 0, 30, 30


 0, 0, 0

 155, 209, 232


 155, 209, 232

 132, 202, 232


 178, 216, 232

 109, 195, 232


 201, 223, 232

 85, 188, 232


 225, 230, 232

 62, 181, 232


 248, 232, 241

 39, 174, 232

 255, 232, 254

 16, 167, 232

 255, 232, 255

 0, 163, 232

Harmonies

Analogous

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



160, 226, 191



155, 209, 232



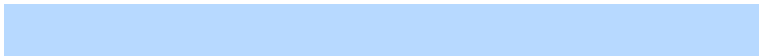
120, 180, 234

Triad

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



155, 209, 232



183, 206, 255



255, 199, 176

Complementary

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



155, 209, 232



232, 155, 199

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, 190, 209



155, 209, 232



230, 204, 255

Square

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



155, 209, 232



134, 186, 255



255, 194, 243



255, 253, 154

Rectangle

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



155, 209, 232



107, 173, 245



255, 194, 243



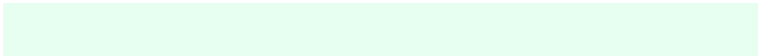
255, 192, 187

Sweetspot

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



155, 209, 232



230, 248, 255



155, 232, 187



112, 123, 128



0, 0, 0



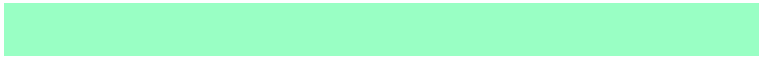
128, 128, 128

Same Dimension

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



155, 209, 232



153, 225, 255



155, 195, 232



103, 111, 115



0, 126, 179



0, 36, 51

Inverse Universe

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



232, 155, 199



255, 153, 212



232, 155, 161



115, 103, 110



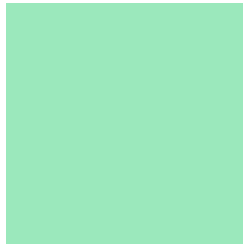
179, 0, 102



51, 0, 29

Previews

White Background



This preview shows how the RYB color 155, 209, 232 looks on a white background.

Color Contrast Check

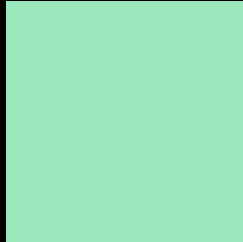
Large Text (above 18pt) WCAG AA × Fail

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 155, 209, 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 155, 209, 232 Background



This preview shows how black text looks on a background with the RYB color 155, 209, 232.

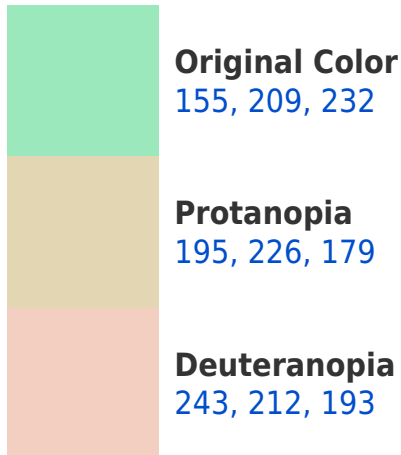


This preview shows how white text looks on a background with the RYB color 155, 209, 232.

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





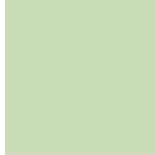
Tritanopia
166, 199, 242

Trichromacy



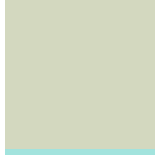
Original Color

155, 209, 232



Protanomaly

182, 221, 203



Deuteranomaly

191, 216, 196



Tritanomaly

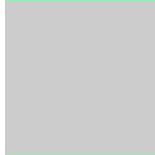
162, 196, 227

Monochromacy



Original Color

155, 209, 232



Achromatopsia

204, 204, 204



Achromatomaly

186, 206, 214

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 209, 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(155, 232, 188)` looks like.

```
.text, #text, p{  
    color:rgb(155, 232, 188)  
}
```

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, 232, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 232, 188) }
```

Border

The CSS property to change the border of an element to RYB 155, 209, 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(155, 232, 188) }
```

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

```
.border{ border-color:rgb(155, 232, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 232, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 232, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 232, 188);  
box-shadow:4px 4px 4px 4px rgb(155, 232,  
188) }
```

Background

The CSS property to change the background color of an element to RYB 155, 209, 232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 232, 188) }
```

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

```
.background{ background-color: rgb(155,  
232, 188) }
```

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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