

Converting Colors

`RYB(155, 198, 245)`

Have a look what the booklet for RYB(155, 198, 245) contains.

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Color

RYB(155, 198, 245)

Conversions

Conversions Part 1

Format	Color
Hex	9BEDF5
RGB	155, 237, 245
RGB Percent	61%, 93%, 96%
CMY	0.3922, 0.0693, 0.0392
CMYK	0.37, 0.03, 0.00, 0.04
HSL	185°, 82%, 78%
HSV	185°, 37%, 96%
XYZ	60.3818, 74.3268, 97.5503
YIQ	213.3940, -51.4400, -14.8960

Conversions

Conversions Part 2

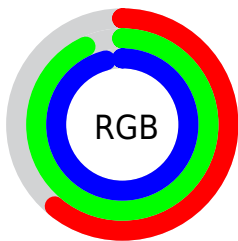
Format	Color
R _{YB}	155, 198, 245
Decimal	10218997
CIE _{Lab}	89.08, -23.09, -11.64
CIE _{LCh}	89, 25.858, 206.750
Yxy	74.3268, 0.2600, 0.3200
Android (android.graphics.Color)	4288409077 (0xFF9BEDF5)
YUV	213.3940, 15.5818, -51.2115
Hunter-Lab	86.2130, -25.8550, -6.7377

Details

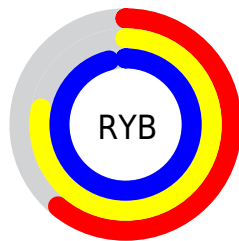
The RYB color **155, 198, 245** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **245, 164, 155**, and the grayscale version is **213, 213, 213**.

A 20% lighter version of the original color is **213, 234, 255**, and **99, 142, 189** is the 20% darker color. If you saturate the color by 10%, you get **131, 185, 245**, and if you desaturate by 10%, it is **179, 210, 245**.

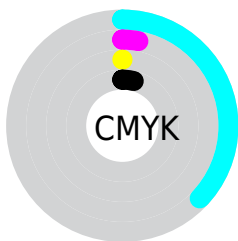
Distribution



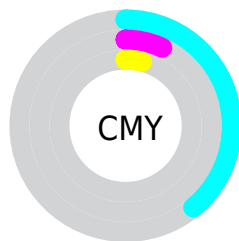
- Red (61%)
- Green (93%)
- Blue (96%)



- Red (61%)
- Yellow (78%)
- Blue (96%)



- Cyan (37%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (39%)
- Magenta (7%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RYB color 155, 198, 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, 198, 245 by changing the saturation by 10% instead.


 155, 198, 245

 155, 198, 245


255, 255, 255

 127, 170, 217

 213, 234, 255

 99, 142, 189

 242, 249, 255


 70, 114, 162

 39, 85, 136

 0, 53, 110

 0, 41, 86


 0, 29, 63

 0, 19, 41

 0, 1, 21

 155, 198, 245


 155, 198, 245

 131, 185, 245


 179, 210, 245

 106, 172, 245


 204, 224, 245

 82, 160, 245

 228, 236, 245

 57, 147, 245


 253, 246, 245

 32, 134, 245

 255, 249, 245

 8, 121, 245

 255, 255, 245

 0, 117, 245

 249, 255, 245

 246, 255, 245

 245, 255, 245

Harmonies

Analogous

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



166, 207, 238



155, 198, 245



164, 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, 198, 245



253, 211, 251



212, 245, 175

Complementary

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



155, 198, 245



245, 164, 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, 234, 183



155, 198, 245



255, 206, 227

Square

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



155, 198, 245



225, 218, 255



255, 207, 203



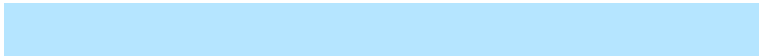
179, 229, 189

Rectangle

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



155, 198, 245



181, 210, 255



255, 207, 203



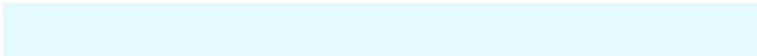
240, 253, 176

Sweetspot

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



155, 198, 245



227, 240, 255



155, 239, 245



111, 119, 128



0, 0, 0



128, 128, 128

Same Dimension

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



155, 198, 245



143, 196, 255



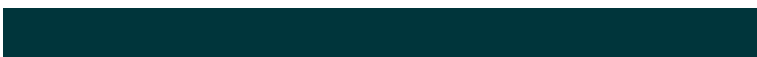
155, 182, 245



110, 116, 122



0, 89, 186



0, 28, 59

Inverse Universe

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



245, 155, 237



255, 143, 245



218, 245, 155



122, 110, 121



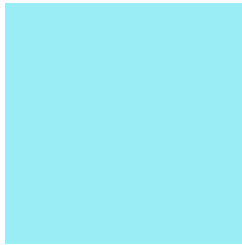
186, 0, 170



59, 0, 54

Previews

White Background



This preview shows how the RYB color 155, 198, 245 looks on a white background.

Color Contrast Check

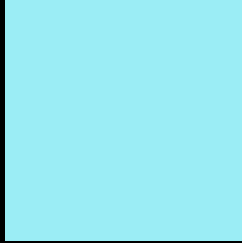
Large Text (above 18pt) WCAG AA × Fail

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, 198, 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, 198, 245 Background



This preview shows how black text looks on a background with the RYB color 155, 198, 245.

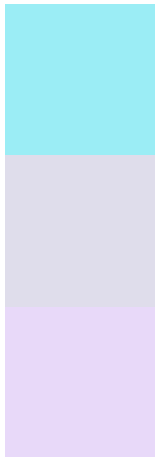


This preview shows how white text looks on a background with the RYB color 155, 198, 245.

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](#).

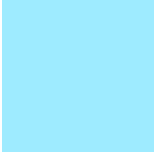
Dichromacy



Original Color
155, 198, 245

Protanopia
223, 221, 235

Deuteranopia
232, 217, 249



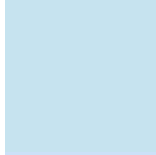
Tritanopia
158, 201, 255

Trichromacy



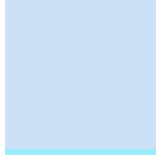
Original Color

155, 198, 245



Protanomaly

198, 215, 239



Deuteranomaly

204, 218, 248



Tritanomaly

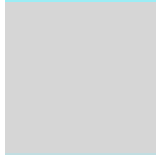
157, 200, 251

Monochromacy



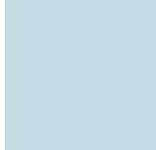
Original Color

155, 198, 245



Achromatopsia

214, 214, 214



Achromatomaly

193, 208, 225

CSS Examples

Text

The CSS property to change the color of the text to RYB 155, 198, 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, 237, 245)` looks like.

```
.text, #text, p{  
    color:rgb(155, 237, 245)  
}
```

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, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 237, 245) }
```

Border

The CSS property to change the border of an element to RYB 155, 198, 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, 237, 245) }
```

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

```
.border{ border-color:rgb(155, 237, 245) }
```

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, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 237, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 237, 245);  
box-shadow:4px 4px 4px 4px rgb(155, 237,  
245) }
```

Background

The CSS property to change the background color of an element to RYB 155, 198, 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, 237, 245) }
```

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

```
.background{ background-color: rgb(155,  
237, 245) }
```

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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