

# Converting Colors

RGB(158, 219, 234)

Have a look what the booklet for  
RGB(158, 219, 234) contains.

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# **Color**

**RGB(158, 219, 234)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EDBEA
RGB	158, 219, 234
RGB Percent	62%, 86%, 92%
CMY	0.3804, 0.1412, 0.0824
CMYK	0.32, 0.06, 0.00, 0.08
HSL	192°, 64%, 77%
HSV	192°, 32%, 92%
XYZ	54.2834, 63.8726, 87.3095
YIQ	202.4710, -41.1710, -8.2670

# Conversions

## Conversions Part 2

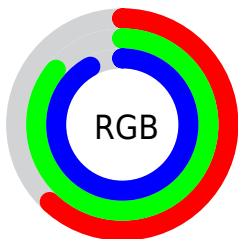
<b>Format</b>	<b>Color</b>
R <sub>YB</sub>	158, 192, 234
Decimal	10410986
CIE <sub>Lab</sub>	83.90, -15.76, -13.57
CIE <sub>LCh</sub>	84, 20.797, 220.721
Yxy	63.8726, 0.2642, 0.3109
Android (android.graphics.Color)	4288601066 (0xFF9EDBEA)
YUV	202.4710, 15.5438, -39.0011
Hunter-Lab	79.9204, -18.6202, -8.8275

# Details

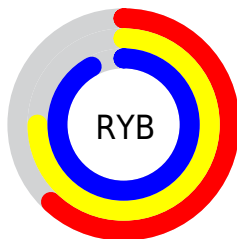
The RGB color **158, 219, 234** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **234, 173, 158**, and the grayscale version is **202, 202, 202**.

A 20% lighter version of the original color is **215, 255, 255**, and **104, 164, 178** is the 20% darker color. If you saturate the color by 10%, you get **135, 214, 234**, and if you desaturate by 10%, it is **181, 224, 234**.

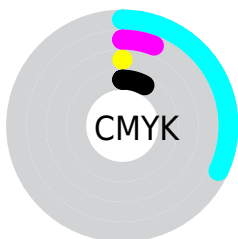
# Distribution



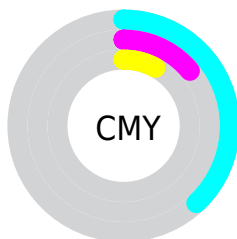
- Red (62%)
- Green (86%)
- Blue (92%)



- Red (62%)
- Yellow (75%)
- Blue (92%)



- Cyan (32%)
- Magenta (6%)
- Yellow (0%)
- Black (8%)



- Cyan (38%)
- Magenta (14%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the RGB color 158, 219, 234 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 RGB color 158, 219, 234 by changing the saturation by 10% instead.



 158, 219, 234


255, 255, 255


 215, 255, 255


 244, 255, 255

 158, 219, 234

 131, 191, 206

 104, 164, 178

 77, 138, 152

 49, 112, 126

 17, 88, 101

 0, 64, 77

 0, 42, 54


 0, 23, 33

 0, 0, 7

 158, 219, 234

 158, 219, 234

 135, 214, 234

 181, 224, 234

 111, 210, 234


 205, 228, 234

 88, 205, 234


 228, 233, 234

 64, 201, 234

 252, 237, 234

 41, 196, 234

 255, 242, 234

 18, 191, 234

 255, 247, 234

 0, 188, 234

 255, 251, 234

 255, 255, 234

# Harmonies

## Analogous

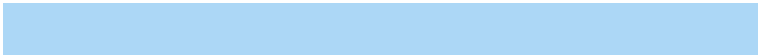
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



159, 221, 216



158, 219, 234



172, 215, 246

# Triad

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



158, 219, 234



241, 197, 223



217, 210, 171

# Complementary

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



158, 219, 234



234, 173, 158

# 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.



236, 204, 173



158, 219, 234



250, 196, 203

# Square

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



158, 219, 234



221, 202, 239



248, 198, 184



195, 216, 179

# Rectangle

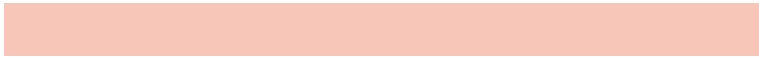
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



158, 219, 234



188, 211, 248



248, 198, 184



224, 208, 170

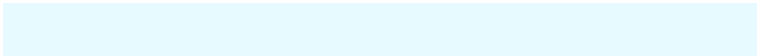


# Sweetspot

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



158, 219, 234



230, 250, 255



158, 234, 172



112, 124, 128



0, 0, 0



128, 128, 128

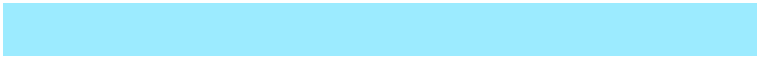


# Same Dimension

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



158, 219, 234



156, 235, 255



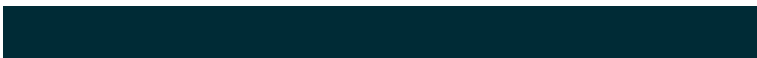
158, 182, 234



106, 115, 117



0, 145, 181



0, 43, 54



# Inverse Universe

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



234, 158, 219



255, 156, 235



234, 210, 158



117, 106, 115



181, 0, 145

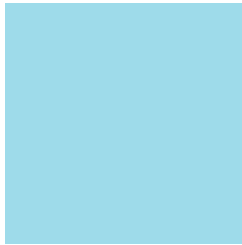


54, 0, 43



# Previews

## White Background



This preview shows how the RGB color 158, 219, 234 looks on a white background.

## Color Contrast Check

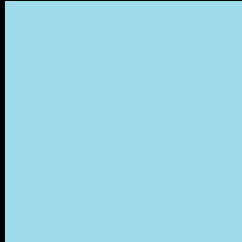
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the RGB color 158, 219, 234 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

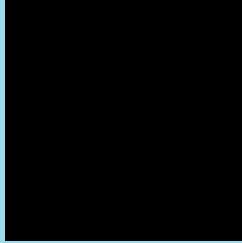
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## RGB 158, 219, 234 Background



This preview shows how black text looks on a background with the RGB color 158, 219, 234.

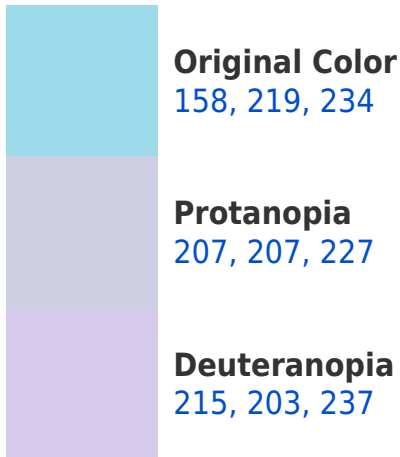


This preview shows how white text looks on a background with the RGB color 158, 219, 234.

# 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](#).

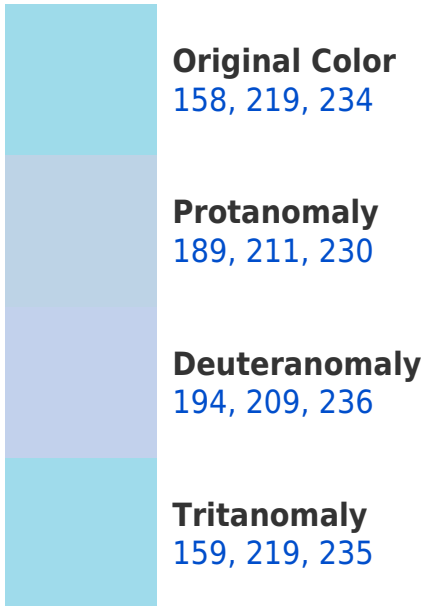
## Dichromacy



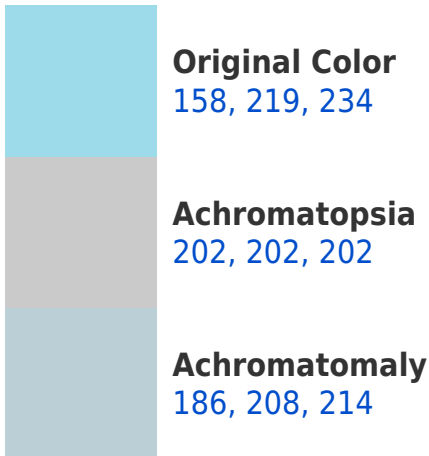


**Tritanopia**  
159, 219, 236

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to RGB 158, 219, 234 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(158, 219, 234)` looks like.

```
.text, #text, p{  
    color:rgb(158, 219, 234)  
}
```

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(158, 219, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 219, 234) }
```

## Border

The CSS property to change the border of an element to RGB 158, 219, 234 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(158, 219, 234) }
```

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

```
.border{ border-color:rgb(158, 219, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 219, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 219, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 219, 234);  
box-shadow:4px 4px 4px 4px rgb(158, 219,  
234) }
```

# Background

The CSS property to change the background color of an element to RGB 158, 219, 234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 219, 234) }
```

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

```
.background{ background-color: rgb(158,  
219, 234) }
```

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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