

Converting Colors

RGB(159, 218, 228)

Have a look what the booklet for
RGB(159, 218, 228) contains.

RGB(159, 218, 228)	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

RGB(159, 218, 228)

Conversions

Conversions Part 1

Format	Color
Hex	9FDAE4
RGB	159, 218, 228
RGB Percent	62%, 85%, 89%
CMY	0.3765, 0.1451, 0.1059
CMYK	0.30, 0.04, 0.00, 0.11
HSL	189°, 56%, 76%
HSV	189°, 30%, 89%
XYZ	53.3731, 63.1152, 82.7682
YIQ	201.4990, -38.3740, -9.3980

Conversions

Conversions Part 2

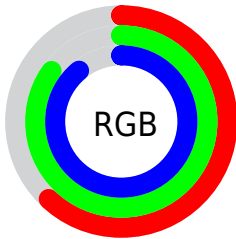
Format	Color
RYB	159, 191, 228
Decimal	10476260
CIELab	83.50, -16.39, -10.97
CIElCh	84, 19.719, 213.807
Yxy	63.1152, 0.2679, 0.3168
Android (android.graphics.Color)	4288666340 (0xFF9FDAE4)
YUV	201.4990, 13.0650, -37.2716
Hunter-Lab	79.4451, -19.1083, -6.1585

Details

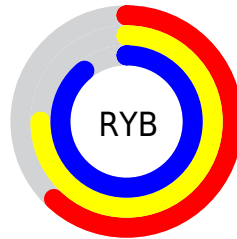
The RGB color **159, 218, 228** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **228, 169, 159**, and the grayscale version is **201, 201, 201**.

A 20% lighter version of the original color is **215, 255, 255**, and **105, 163, 173** is the 20% darker color. If you saturate the color by 10%, you get **136, 215, 228**, and if you desaturate by 10%, it is **182, 221, 228**.

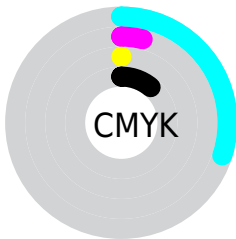
Distribution



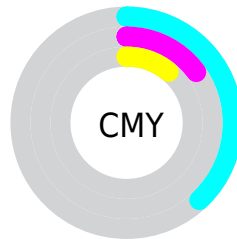
- Red (62%)
- Green (85%)
- Blue (89%)



- Red (62%)
- Yellow (75%)
- Blue (89%)



- Cyan (30%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (38%)
- Magenta (15%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 218, 228 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 159, 218, 228 by changing the saturation by 10% instead.

 159, 218, 228

255, 255, 255


 215, 255, 255


 244, 255, 255

 159, 218, 228

 132, 190, 200

 105, 163, 173

 78, 137, 146

 52, 111, 120

 22, 87, 96

 0, 63, 72

 0, 41, 49

 0, 22, 29

 0, 0, 0

■ 159, 218, 228

■ 159, 218, 228

■ 136, 215, 228

■ 182, 221, 228

■ 113, 211, 228

■ 205, 225, 228

■ 91, 208, 228

■ 227, 228, 228

■ 68, 205, 228

■ 250, 231, 228

■ 45, 201, 228

■ 255, 235, 228

■ 22, 198, 228

■ 255, 238, 228

■ 0, 195, 228

■ 255, 241, 228

■ 255, 244, 228

■ 255, 248, 228

Harmonies

Analogous

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



163, 219, 210



159, 218, 228



169, 214, 241

Triad

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



159, 218, 228



235, 197, 225



220, 208, 171

Complementary

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



159, 218, 228



228, 169, 159

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.



237, 201, 175



159, 218, 228



246, 195, 206

Square

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



159, 218, 228



215, 203, 239



246, 197, 188



200, 213, 177

Rectangle

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



159, 218, 228



183, 211, 245



246, 197, 188



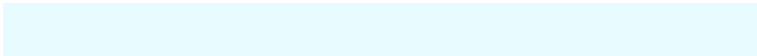
227, 205, 172

Sweetspot

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



159, 218, 228



232, 252, 255



159, 228, 168



113, 125, 128



0, 0, 0



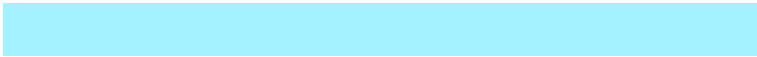
128, 128, 128

Same Dimension

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



159, 218, 228



163, 242, 255



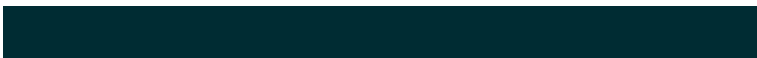
159, 184, 228



103, 113, 115



0, 153, 179



0, 44, 51

Inverse Universe

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



228, 159, 218



255, 163, 242



228, 203, 159



115, 103, 113



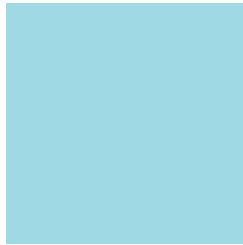
179, 0, 153



51, 0, 44

Previews

White Background



This preview shows how the RGB color 159, 218, 228 looks on a white background.

Color Contrast Check

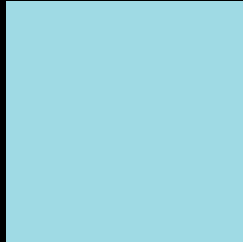
Large Text (above 18pt) WCAG AA × Fail

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 159, 218, 228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

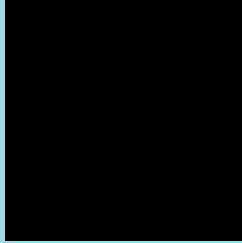
Any Text WCAG AA ✓ Pass

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 159, 218, 228 Background



This preview shows how black text looks on a background with the RGB color 159, 218, 228.

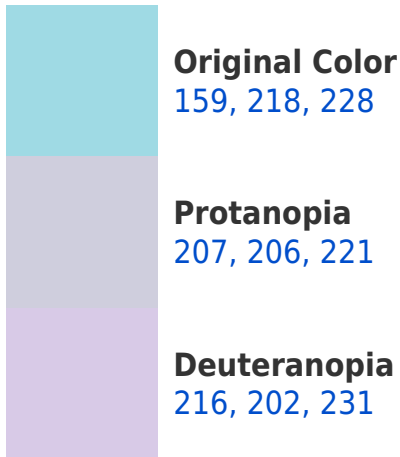


This preview shows how white text looks on a background with the RGB color 159, 218, 228.

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](#).

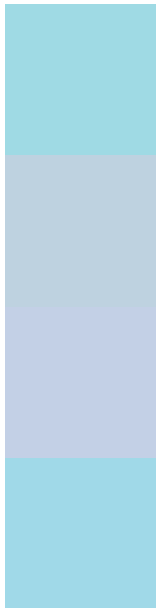
Dichromacy





Tritanopia
160, 217, 234

Trichromacy



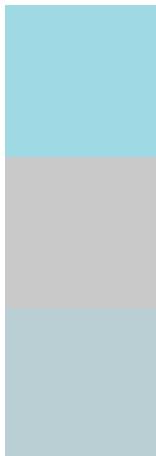
Original Color
159, 218, 228

Protanomaly
190, 210, 224

Deuteranomaly
195, 208, 230

Tritanomaly
160, 217, 232

Monochromacy



Original Color
159, 218, 228

Achromatopsia
201, 201, 201

Achromatomaly
186, 207, 211

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 218, 228 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(159, 218, 228)` looks like.

```
.text, #text, p{  
    color:rgb(159, 218, 228)  
}
```

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(159, 218, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 218, 228) }
```

Border

The CSS property to change the border of an element to RGB 159, 218, 228 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(159, 218, 228) }
```

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

```
.border{ border-color:rgb(159, 218, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 218, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 218, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 218, 228);  
box-shadow:4px 4px 4px 4px rgb(159, 218,  
228) }
```

Background

The CSS property to change the background color of an element to RGB 159, 218, 228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 218, 228) }
```

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

```
.background{ background-color: rgb(159,  
218, 228) }
```

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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