

Converting Colors

RGB(159, 237, 243)

Have a look what the booklet for
RGB(159, 237, 243) contains.

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Color

RGB(159, 237, 243)

Conversions

Conversions Part 1

Format	Color
Hex	9FEDF3
RGB	159, 237, 243
RGB Percent	62%, 93%, 95%
CMY	0.3765, 0.0706, 0.0471
CMYK	0.35, 0.02, 0.00, 0.05
HSL	184°, 78%, 79%
HSV	184°, 35%, 95%
XYZ	60.7599, 74.4104, 95.9543
YIQ	214.3620, -48.4140, -14.6700

Conversions

Conversions Part 2

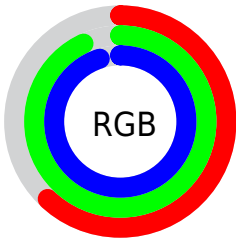
Format	Color
R_{YB}	159, 199, 243
Decimal	10481139
CIE _{Lab}	89.12, -22.37, -10.51
CIE _{LCh}	89, 24.713, 205.178
Yxy	74.4104, 0.2629, 0.3219
Android (android.graphics.Color)	4288671219 (0xFF9FEDF3)
YUV	214.3620, 14.1185, -48.5525
Hunter-Lab	86.2614, -25.2276, -5.5692

Details

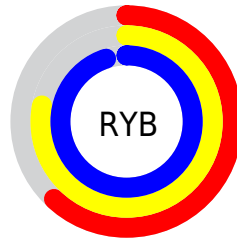
The RGB color **159, 237, 243** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **243, 165, 159**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **216, 255, 255**, and **103, 181, 187** is the 20% darker color. If you saturate the color by 10%, you get **135, 235, 243**, and if you desaturate by 10%, it is **183, 239, 243**.

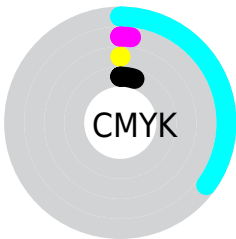
Distribution



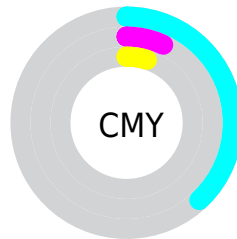
- Red (62%)
- Green (93%)
- Blue (95%)



- Red (62%)
- Yellow (78%)
- Blue (95%)



- Cyan (35%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (38%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the RGB color 159, 237, 243 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, 237, 243 by changing the saturation by 10% instead.

 159, 237, 243

255, 255, 255


 216, 255, 255


 246, 255, 255

 159, 237, 243

 131, 209, 215

 103, 181, 187


 75, 154, 160

 46, 128, 134

 3, 103, 109

 0, 78, 84

 0, 55, 61

 0, 34, 39

 0, 1, 19

 159, 237, 243

 159, 237, 243

 135, 235, 243

 183, 239, 243

 110, 234, 243

 208, 240, 243

 86, 232, 243

 232, 242, 243

 62, 230, 243

 255, 244, 243

 38, 228, 243

 255, 246, 243

 13, 227, 243

 255, 247, 243

 0, 226, 243

 255, 249, 243

 255, 251, 243

 255, 253, 243

Harmonies

Analogous

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



170, 237, 219



159, 237, 243



167, 234, 255

Triad

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



159, 237, 243



251, 212, 251



246, 221, 177

Complementary

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



159, 237, 243



243, 165, 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.



255, 213, 186



159, 237, 243



255, 208, 229

Square

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



159, 237, 243



223, 219, 255



255, 208, 205



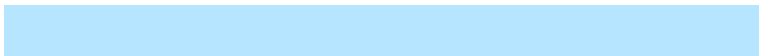
221, 229, 181

Rectangle

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



159, 237, 243



182, 230, 255



255, 208, 205



253, 218, 179

Sweetspot

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



159, 237, 243



230, 253, 255



159, 243, 165



112, 126, 128



0, 0, 0



128, 128, 128

Same Dimension

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



159, 237, 243



150, 248, 255



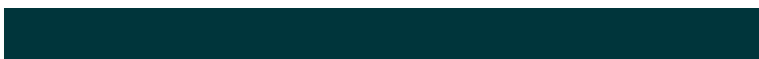
159, 195, 243



110, 122, 122



0, 173, 186



0, 54, 59

Inverse Universe

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



243, 159, 237



255, 150, 248



243, 207, 159



122, 110, 122



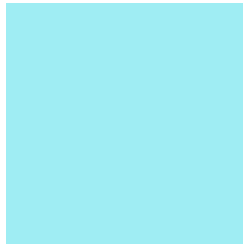
186, 0, 173



59, 0, 54

Previews

White Background



This preview shows how the RGB color 159, 237, 243 looks on a white background.

Color Contrast Check

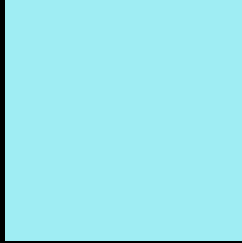
Large Text (above 18pt) WCAG AA × Fail

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, 237, 243 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

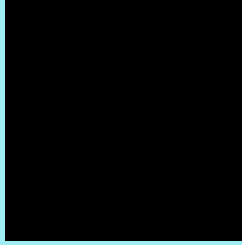
Any Text WCAG AA ✓ Pass

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, 237, 243 Background



This preview shows how black text looks on a background with the RGB color 159, 237, 243.



This preview shows how white text looks on a background with the RGB color 159, 237, 243.

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





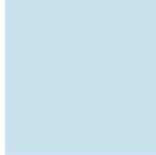
Tritanopia
162, 235, 254

Trichromacy



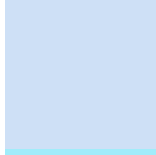
Original Color

159, 237, 243



Protanomaly

200, 227, 237



Deuteranomaly

206, 224, 246



Tritanomaly

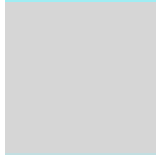
161, 236, 250

Monochromacy



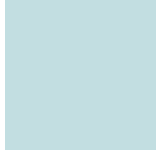
Original Color

159, 237, 243



Achromatopsia

214, 214, 214



Achromatomaly

194, 222, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 159, 237, 243 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, 237, 243)` looks like.

```
.text, #text, p{  
    color:rgb(159, 237, 243)  
}
```

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, 237, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 237, 243) }
```

Border

The CSS property to change the border of an element to RGB 159, 237, 243 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, 237, 243) }
```

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

```
.border{ border-color:rgb(159, 237, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 237, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 237, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 237, 243);  
box-shadow:4px 4px 4px 4px rgb(159, 237,  
243) }
```

Background

The CSS property to change the background color of an element to RGB 159, 237, 243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 237, 243) }
```

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

```
.background{ background-color: rgb(159,  
237, 243) }
```

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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