

Converting Colors

RGB(170, 239, 250)

Have a look what the booklet for
RGB(170, 239, 250) contains.

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Color

RGB(170, 239, 250)

Conversions

Conversions Part 1

Format	Color
Hex	AAEFFA
RGB	170, 239, 250
RGB Percent	67%, 94%, 98%
CMY	0.3333, 0.0627, 0.0196
CMYK	0.32, 0.04, 0.00, 0.02
HSL	188°, 89%, 82%
HSV	188°, 32%, 98%
XYZ	64.6994, 77.1812, 101.9299
YIQ	219.6230, -44.6550, -11.2070

Conversions

Conversions Part 2

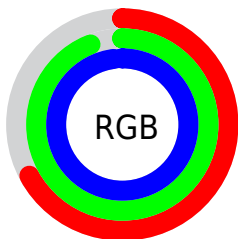
Format	Color
RYB	170, 207, 250
Decimal	11202554
CIELab	90.40, -18.81, -12.19
CIElCh	90, 22.412, 212.955
Yxy	77.1812, 0.2654, 0.3166
Android (android.graphics.Color)	4289392634 (0xFFAAEFFA)
YUV	219.6230, 14.9759, -43.5194
Hunter-Lab	87.8528, -22.2858, -7.2934

Details

The RGB color **170, 239, 250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **250, 181, 170**, and the grayscale version is **220, 220, 220**.

A 20% lighter version of the original color is **227, 255, 255**, and **115, 183, 194** is the 20% darker color. If you saturate the color by 10%, you get **145, 236, 250**, and if you desaturate by 10%, it is **195, 242, 250**.

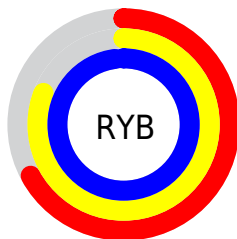
Distribution



Red (67%)

Green (94%)

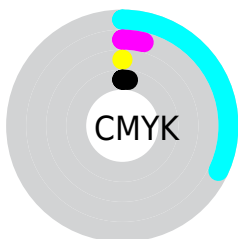
Blue (98%)



Red (67%)

Yellow (81%)

Blue (98%)

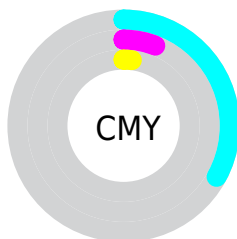


Cyan (32%)

Magenta (4%)

Yellow (0%)

Black (2%)



Cyan (33%)

Magenta (6%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 239, 250 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 170, 239, 250 by changing the saturation by 10% instead.

 170, 239, 250


255, 255, 255


 227, 255, 255


 170, 239, 250


 142, 211, 221

 115, 183, 194


 87, 156, 166

 60, 130, 140

 29, 105, 115

 0, 80, 90

 0, 57, 67

 0, 35, 44

 0, 4, 25

 170, 239, 250

 170, 239, 250

 145, 236, 250

 195, 242, 250

 120, 232, 250

 220, 246, 250

 95, 229, 250

 245, 249, 250

 70, 225, 250

 255, 253, 250

 45, 222, 250

 255, 255, 250

 20, 218, 250

 0, 216, 250

Harmonies

Analogous

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



176, 240, 229



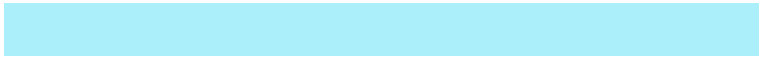
170, 239, 250



181, 235, 255

Triad

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



170, 239, 250



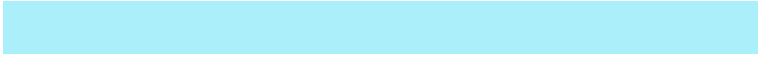
255, 215, 247



242, 227, 185

Complementary

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



170, 239, 250



250, 181, 170

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, 220, 190



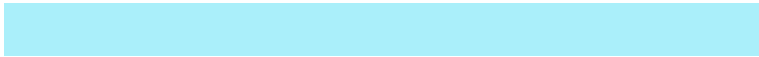
170, 239, 250



255, 213, 226

Square

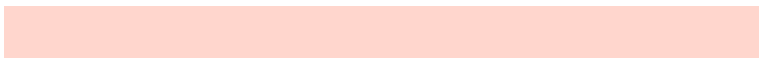
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



170, 239, 250



234, 221, 255



255, 214, 205



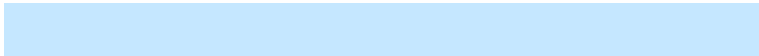
218, 233, 191

Rectangle

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



170, 239, 250



197, 231, 255



255, 214, 205



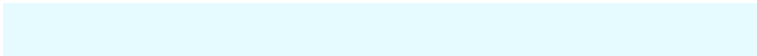
249, 224, 185

Sweetspot

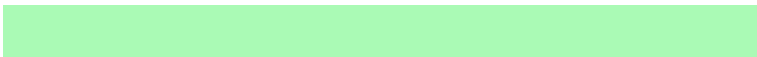
The Sweet Spot groups the original color and five complimentary colors.



170, 239, 250



230, 251, 255



170, 250, 181



112, 125, 128



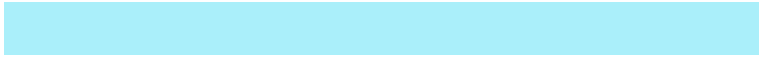
0, 0, 0



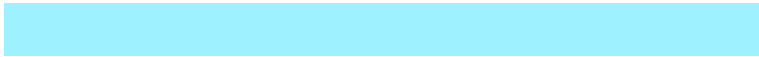
128, 128, 128

Same Dimension

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



170, 239, 250



158, 242, 255



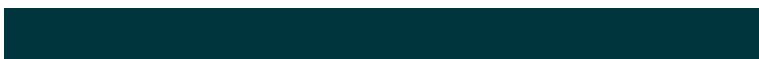
170, 199, 250



112, 123, 125



0, 163, 189



0, 53, 61

Inverse Universe

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



250, 170, 239



255, 158, 242



250, 221, 170



125, 112, 123



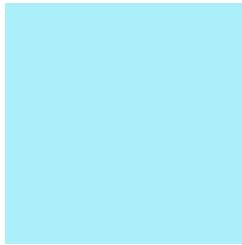
189, 0, 163



61, 0, 53

Previews

White Background



This preview shows how the RGB color 170, 239, 250 looks on a white background.

Color Contrast Check

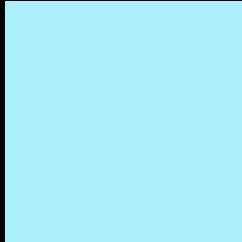
Large Text (above 18pt) WCAG AA × Fail

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 170, 239, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

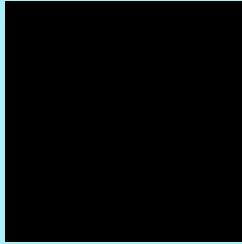
Any Text WCAG AA ✓ Pass

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 170, 239, 250 Background



This preview shows how black text looks on a background with the RGB color 170, 239, 250.



This preview shows how white text looks on a background with the RGB color 170, 239, 250.

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





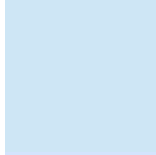
Tritanopia
176, 237, 255

Trichromacy



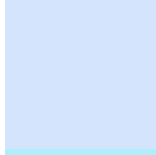
Original Color

170, 239, 250



Protanomaly

206, 230, 245



Deuteranomaly

212, 228, 253



Tritanomaly

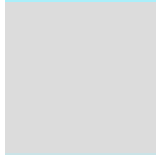
174, 238, 253

Monochromacy



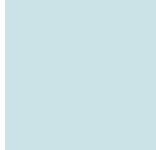
Original Color

170, 239, 250



Achromatopsia

220, 220, 220



Achromatomaly

202, 227, 231

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 239, 250 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(170, 239, 250)` looks like.

```
.text, #text, p{  
    color:rgb(170, 239, 250)  
}
```

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(170, 239, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 239, 250) }
```

Border

The CSS property to change the border of an element to RGB 170, 239, 250 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(170, 239, 250) }
```

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

```
.border{ border-color:rgb(170, 239, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 239, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 239, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 239, 250);  
box-shadow:4px 4px 4px 4px rgb(170, 239,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 170, 239, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 239, 250) }
```

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

```
.background{ background-color: rgb(170,  
239, 250) }
```

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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