

Converting Colors

RGB(170, 227, 246)

Have a look what the booklet for
RGB(170, 227, 246) contains.

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Color

RGB(170, 227, 246)

Conversions

Conversions Part 1

Format	Color
Hex	AAE3F6
RGB	170, 227, 246
RGB Percent	67%, 89%, 96%
CMY	0.3333, 0.1098, 0.0353
CMYK	0.31, 0.08, 0.00, 0.04
HSL	195°, 81%, 82%
HSV	195°, 31%, 96%
XYZ	60.6812, 70.1380, 97.5285
YIQ	212.1230, -40.0710, -6.1750

Conversions

Conversions Part 2

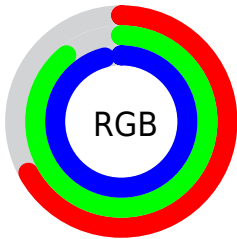
Format	Color
R _Y B	170, 203, 246
Decimal	11199478
CIE _{Lab}	87.06, -13.71, -15.09
CIE _{LCh}	87, 20.390, 227.754
Y _{xy}	70.1380, 0.2657, 0.3072
Android (android.graphics.Color)	4289389558 (0xFFAAE3F6)
YUV	212.1230, 16.7014, -36.9419
Hunter-Lab	83.7485, -17.2249, -10.4217

Details

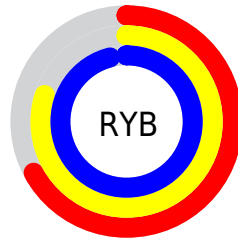
The RGB color **170, 227, 246** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **246, 189, 170**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **227, 255, 255**, and **115, 172, 190** is the 20% darker color. If you saturate the color by 10%, you get **145, 221, 246**, and if you desaturate by 10%, it is **195, 233, 246**.

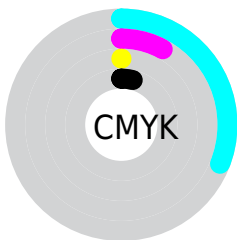
Distribution



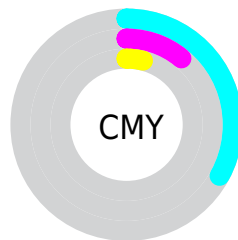
- Red (67%)
- Green (89%)
- Blue (96%)



- Red (67%)
- Yellow (80%)
- Blue (96%)



- Cyan (31%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (33%)
- Magenta (11%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 170, 227, 246 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, 227, 246 by changing the saturation by 10% instead.

 170, 227, 246


255, 255, 255


 227, 255, 255

 170, 227, 246

 142, 199, 218

 115, 172, 190

 89, 145, 163

 62, 119, 136

 34, 94, 111

 0, 71, 87

 0, 48, 63

 0, 28, 41

 0, 1, 21

■ 170, 227, 246

■ 170, 227, 246

■ 145, 221, 246

■ 195, 233, 246

■ 121, 215, 246

■ 219, 239, 246

■ 96, 209, 246

■ 244, 245, 246

■ 72, 202, 246

■ 255, 252, 246

■ 47, 196, 246

■ 255, 255, 246

■ 22, 190, 246

■ 0, 185, 246

Harmonies

Analogous

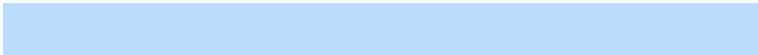
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



167, 229, 229



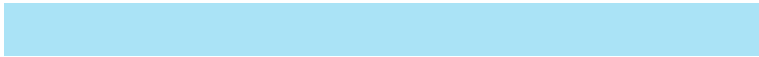
170, 227, 246



187, 222, 255

Triad

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



170, 227, 246



252, 205, 227



221, 220, 181

Complementary

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



170, 227, 246



246, 189, 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.



241, 214, 181



170, 227, 246



255, 205, 207

Square

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



170, 227, 246



235, 210, 244



255, 208, 190



199, 226, 192

Rectangle

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



170, 227, 246



203, 218, 255



255, 208, 190



228, 218, 180

Sweetspot

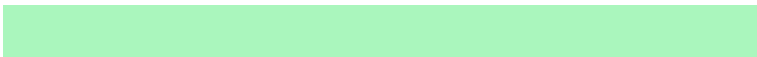
The Sweet Spot groups the original color and five complimentary colors.



170, 227, 246



232, 249, 255



170, 246, 189



113, 124, 128



0, 0, 0



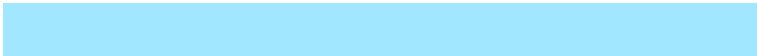
128, 128, 128

Same Dimension

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



170, 227, 246



161, 231, 255



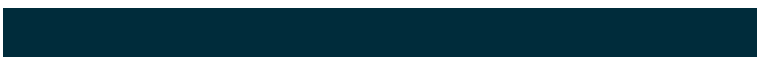
170, 189, 246



110, 119, 122



0, 140, 186



0, 44, 59

Inverse Universe

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



246, 170, 227



255, 161, 231



246, 227, 170



122, 110, 119



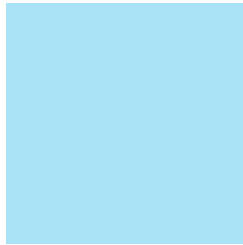
186, 0, 140



59, 0, 44

Previews

White Background



This preview shows how the RGB color 170, 227, 246 looks on a white background.

Color Contrast Check

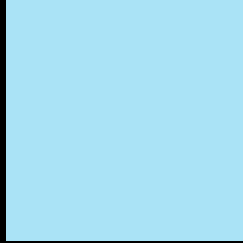
Large Text (above 18pt) WCAG AA × Fail

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, 227, 246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

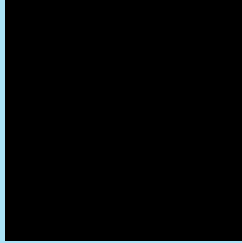
Any Text WCAG AA ✓ Pass

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, 227, 246 Background



This preview shows how black text looks on a background with the RGB color 170, 227, 246.



This preview shows how white text looks on a background with the RGB color 170, 227, 246.

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](#).

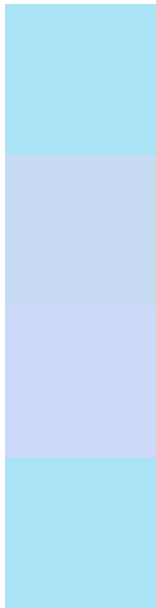
Dichromacy





Tritanopia
170, 227, 245

Trichromacy



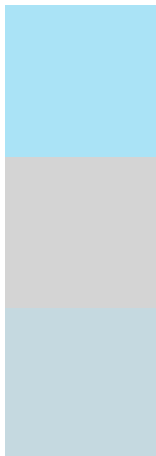
Original Color
170, 227, 246

Protanomaly
199, 220, 242

Deuteranomaly
204, 217, 248

Tritanomaly
170, 227, 245

Monochromacy



Original Color
170, 227, 246

Achromatopsia
212, 212, 212

Achromatomaly
197, 217, 224

CSS Examples

Text

The CSS property to change the color of the text to RGB 170, 227, 246 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, 227, 246)` looks like.

```
.text, #text, p{  
    color:rgb(170, 227, 246)  
}
```

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, 227, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 227, 246) }
```

Border

The CSS property to change the border of an element to RGB 170, 227, 246 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, 227, 246) }
```

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

```
.border{ border-color:rgb(170, 227, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 227, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 227, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 227, 246); box-shadow:4px 4px 4px 4px rgb(170, 227, 246) }
```

Background

The CSS property to change the background color of an element to RGB 170, 227, 246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 227, 246) }
```

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

```
.background{ background-color: rgb(170,  
227, 246) }
```

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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