

Converting Colors

RGB(177, 231, 250)

Have a look what the booklet for
RGB(177, 231, 250) contains.

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Color

RGB(177, 231, 250)

Conversions

Conversions Part 1

Format	Color
Hex	B1E7FA
RGB	177, 231, 250
RGB Percent	69%, 91%, 98%
CMY	0.3059, 0.0941, 0.0196
CMYK	0.29, 0.08, 0.00, 0.02
HSL	196°, 88%, 84%
HSV	196°, 29%, 98%
XYZ	63.9627, 73.4011, 101.2391
YIQ	217.0200, -38.2830, -5.5390

Conversions

Conversions Part 2

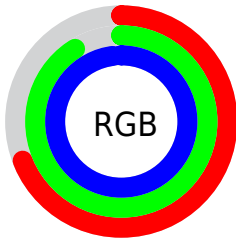
Format	Color
R _Y B	177, 208, 250
Decimal	11659258
CIE Lab	88.64, -12.87, -14.79
CIE LCh	89, 19.608, 228.982
Yxy	73.4011, 0.2681, 0.3076
Android (android.graphics.Color)	4289849338 (0xFFB1E7FA)
YUV	217.0200, 16.2591, -35.0975
Hunter-Lab	85.6744, -16.6660, -10.0893

Details

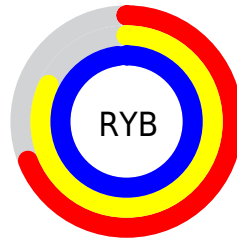
The RGB color **177, 231, 250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **250, 196, 177**, and the grayscale version is **217, 217, 217**.

A 20% lighter version of the original color is **234, 255, 255**, and **122, 175, 194** is the 20% darker color. If you saturate the color by 10%, you get **152, 224, 250**, and if you desaturate by 10%, it is **202, 238, 250**.

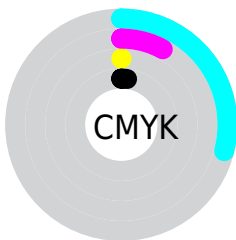
Distribution



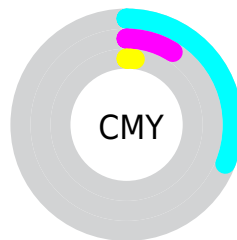
- Red (69%)
- Green (91%)
- Blue (98%)



- Red (69%)
- Yellow (82%)
- Blue (98%)



- Cyan (29%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (31%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 177, 231, 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 177, 231, 250 by changing the saturation by 10% instead.

 177, 231, 250


 177, 231, 250


255, 255, 255

 149, 203, 221

 234, 255, 255

 122, 175, 194


 96, 149, 166

 69, 123, 140

 42, 98, 114

 9, 74, 90

 0, 51, 66

 0, 30, 44

 0, 1, 24

■ 177, 231, 250

■ 177, 231, 250

■ 152, 224, 250

■ 202, 238, 250

■ 127, 218, 250

■ 227, 244, 250

■ 102, 211, 250

■ 252, 251, 250

■ 77, 205, 250

■ 255, 255, 250

■ 52, 198, 250

■ 27, 192, 250

■ 2, 185, 250

■ 0, 185, 250

Harmonies

Analogous

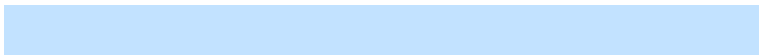
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



174, 233, 234



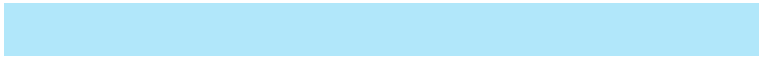
177, 231, 250



194, 226, 255

Triad

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



177, 231, 250



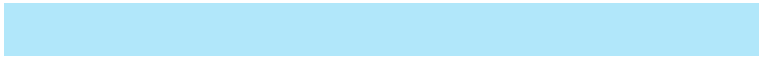
255, 210, 230



225, 225, 187

Complementary

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



177, 231, 250



250, 196, 177

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.



244, 219, 186



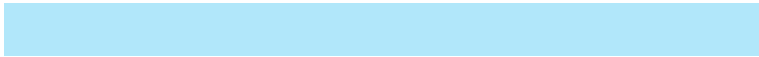
177, 231, 250



255, 210, 211

Square

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



177, 231, 250



240, 214, 247



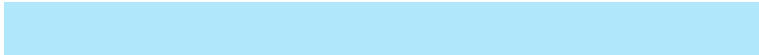
255, 213, 195



203, 230, 198

Rectangle

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



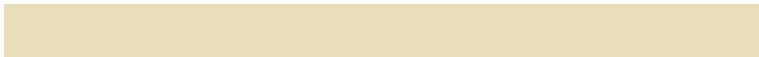
177, 231, 250



209, 222, 255



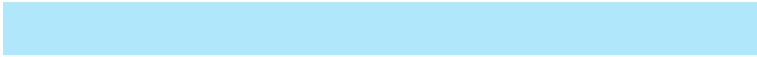
255, 213, 195



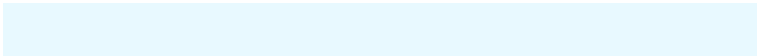
232, 223, 186

Sweetspot

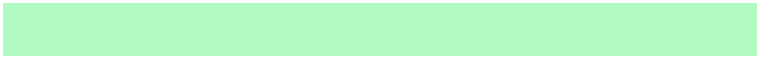
The Sweet Spot groups the original color and five complimentary colors.



177, 231, 250



232, 249, 255



177, 250, 195



113, 124, 128



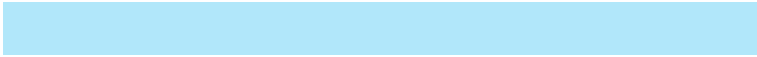
0, 0, 0



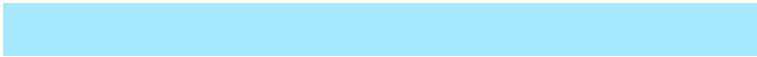
128, 128, 128

Same Dimension

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



177, 231, 250



166, 232, 255



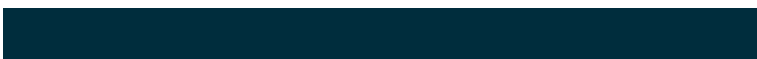
177, 195, 250



112, 122, 125



0, 140, 189



0, 45, 61

Inverse Universe

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



250, 177, 231



255, 166, 232



250, 232, 177



125, 112, 122



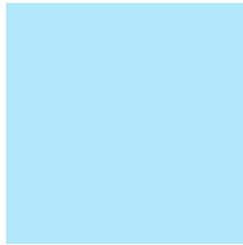
189, 0, 140



61, 0, 45

Previews

White Background



This preview shows how the RGB color 177, 231, 250 looks on a white background.

Color Contrast Check

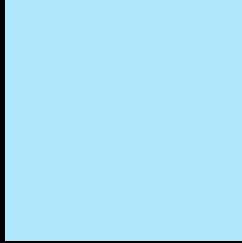
Large Text (above 18pt) WCAG AA × Fail

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 177, 231, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

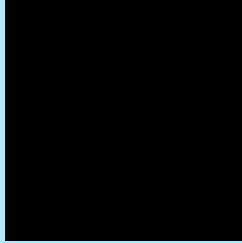
Any Text WCAG AA ✓ Pass

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 177, 231, 250 Background



This preview shows how black text looks on a background with the RGB color 177, 231, 250.



This preview shows how white text looks on a background with the RGB color 177, 231, 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
177, 231, 250

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 177, 231, 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(177, 231, 250)` looks like.

```
.text, #text, p{  
    color:rgb(177, 231, 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(177, 231, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 231, 250) }
```

Border

The CSS property to change the border of an element to RGB 177, 231, 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(177, 231, 250) }
```

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

```
.border{ border-color:rgb(177, 231, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 231, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 231, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 231, 250);  
box-shadow:4px 4px 4px 4px rgb(177, 231,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 177, 231, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 231, 250) }
```

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

```
.background{ background-color: rgb(177,  
231, 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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