

Converting Colors

RGB(181, 225, 244)

Have a look what the booklet for
RGB(181, 225, 244) contains.

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Color

RGB(181, 225, 244)

Conversions

Conversions Part 1

Format	Color
Hex	B5E1F4
RGB	181, 225, 244
RGB Percent	71%, 88%, 96%
CMY	0.2902, 0.1176, 0.0431
CMYK	0.26, 0.08, 0.00, 0.04
HSL	198°, 74%, 83%
HSV	198°, 26%, 96%
XYZ	62.3104, 70.2058, 95.8549
YIQ	214.0100, -32.3230, -3.4190

Conversions

Conversions Part 2

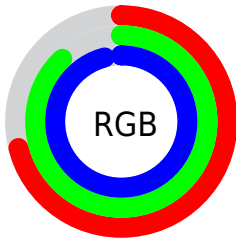
Format	Color
R _Y B	181, 207, 244
Decimal	11919860
CIE Lab	87.10, -10.03, -13.93
CIE LCh	87, 17.165, 234.233
Yxy	70.2058, 0.2728, 0.3074
Android (android.graphics.Color)	4290109940 (0xFFB5E1F4)
YUV	214.0100, 14.7851, -28.9498
Hunter-Lab	83.7889, -13.8875, -9.1758

Details

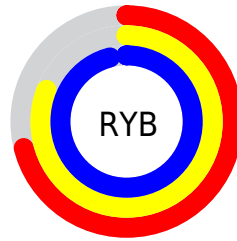
The RGB color **181, 225, 244** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **244, 200, 181**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **238, 255, 255**, and **127, 170, 188** is the 20% darker color. If you saturate the color by 10%, you get **157, 218, 244**, and if you desaturate by 10%, it is **205, 232, 244**.

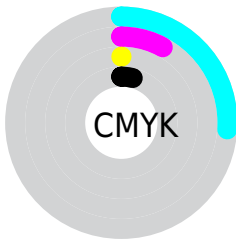
Distribution



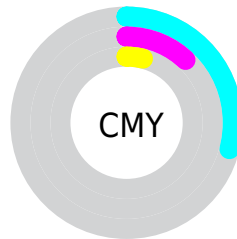
- Red (71%)
- Green (88%)
- Blue (96%)



- Red (71%)
- Yellow (81%)
- Blue (96%)



- Cyan (26%)
- Magenta (8%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (12%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 225, 244 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 181, 225, 244 by changing the saturation by 10% instead.

■ 181, 225, 244

255, 255, 255

■ 238, 255, 255

■ 181, 225, 244

■ 154, 197, 216

■ 127, 170, 188

■ 100, 143, 161

■ 75, 118, 135

■ 49, 93, 109

■ 22, 69, 85

■ 0, 47, 62

■ 0, 27, 40

■ 0, 1, 19

 181, 225, 244

 181, 225, 244

 157, 218, 244


 205, 232, 244

 132, 210, 244


 230, 240, 244

 108, 203, 244


 254, 247, 244


 83, 196, 244

 255, 254, 244

 59, 188, 244

 255, 255, 244

 35, 181, 244

 10, 173, 244

 0, 170, 244

Harmonies

Analogous

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



176, 227, 231



181, 225, 244



197, 221, 250

Triad

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



181, 225, 244



249, 207, 222



217, 221, 188

Complementary

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



181, 225, 244



244, 200, 181

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.



235, 216, 186



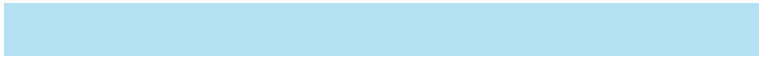
181, 225, 244



253, 208, 205

Square

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



181, 225, 244



237, 210, 237



248, 211, 192



198, 225, 199

Rectangle

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



181, 225, 244



210, 217, 250



248, 211, 192



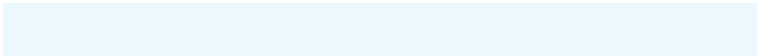
223, 220, 187

Sweetspot

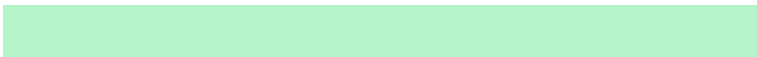
The Sweet Spot groups the original color and five complimentary colors.



181, 225, 244



235, 249, 255



181, 244, 200



115, 124, 128



0, 0, 0



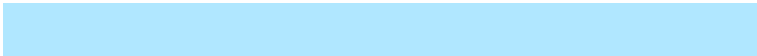
128, 128, 128

Same Dimension

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



181, 225, 244



176, 231, 255



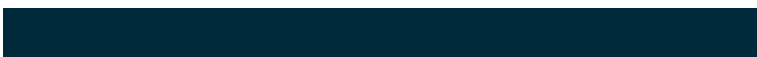
181, 194, 244



110, 119, 122



0, 130, 186



0, 41, 59

Inverse Universe

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



244, 181, 225



255, 176, 231



244, 231, 181



122, 110, 119



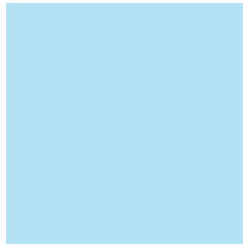
186, 0, 130



59, 0, 41

Previews

White Background



This preview shows how the RGB color 181, 225, 244 looks on a white background.

Color Contrast Check

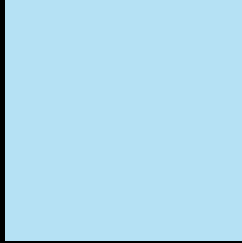
Large Text (above 18pt) WCAG AA × Fail

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 181, 225, 244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

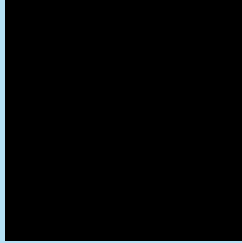
Any Text WCAG AA ✓ Pass

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 181, 225, 244 Background



This preview shows how black text looks on a background with the RGB color 181, 225, 244.



This preview shows how white text looks on a background with the RGB color 181, 225, 244.

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
181, 225, 243

Trichromacy



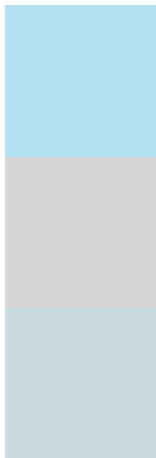
Original Color
181, 225, 244

Protanomaly
203, 219, 240

Deuteranomaly
209, 217, 246

Tritanomaly
181, 225, 243

Monochromacy



Original Color
181, 225, 244

Achromatopsia
214, 214, 214

Achromatomaly
202, 218, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 225, 244 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(181, 225, 244)` looks like.

```
.text, #text, p{  
    color:rgb(181, 225, 244)  
}
```

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(181, 225, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 225, 244) }
```

Border

The CSS property to change the border of an element to RGB 181, 225, 244 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(181, 225, 244) }
```

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

```
.border{ border-color:rgb(181, 225, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 225, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 225, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 225, 244);  
box-shadow:4px 4px 4px 4px rgb(181, 225,  
244) }
```

Background

The CSS property to change the background color of an element to RGB 181, 225, 244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 225, 244) }
```

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

```
.background{ background-color: rgb(181,  
225, 244) }
```

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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