

Converting Colors

RGB(181, 231, 219)

Have a look what the booklet for
RGB(181, 231, 219) contains.

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Color

RGB(181, 231, 219)

Conversions

Conversions Part 1

Format	Color
Hex	B5E7DB
RGB	181, 231, 219
RGB Percent	71%, 91%, 86%
CMY	0.2902, 0.0941, 0.1412
CMYK	0.22, 0.00, 0.05, 0.09
HSL	166°, 51%, 81%
HSV	166°, 22%, 91%
XYZ	60.4182, 72.0901, 77.7482
YIQ	214.6820, -25.9480, -14.3320

Conversions

Conversions Part 2

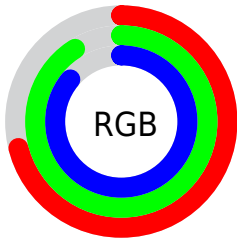
Format	Color
R _Y B	181, 209, 231
Decimal	11921371
CIE Lab	88.01, -18.42, 0.57
CIE LCh	88, 18.424, 178.228
Yxy	72.0901, 0.2874, 0.3429
Android (android.graphics.Color)	4290111451 (0xFFB5E7DB)
YUV	214.6820, 2.1288, -29.5391
Hunter-Lab	84.9059, -21.5665, 5.1423

Details

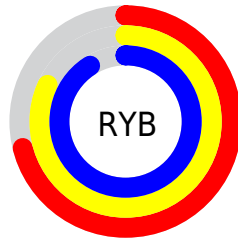
The RGB color **181, 231, 219** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **231, 181, 193**, and the grayscale version is **215, 215, 215**.

A 20% lighter version of the original color is **238, 255, 255**, and **127, 175, 164** is the 20% darker color. If you saturate the color by 10%, you get **158, 231, 213**, and if you desaturate by 10%, it is **204, 231, 225**.

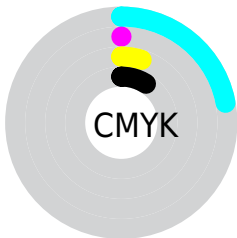
Distribution



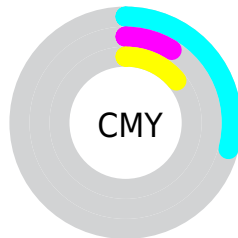
- Red (71%)
- Green (91%)
- Blue (86%)



- Red (71%)
- Yellow (82%)
- Blue (91%)



- Cyan (22%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)




- Cyan (29%)
- Magenta (9%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 231, 219 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, 231, 219 by changing the saturation by 10% instead.

 181, 231, 219


255, 255, 255


 238, 255, 255

 181, 231, 219

 154, 203, 191

 127, 175, 164

 101, 149, 138

 76, 123, 112

 52, 98, 88

 27, 74, 65

 0, 51, 43

 0, 30, 22

 0, 0, 0

 181, 231, 219

 181, 231, 219

 158, 231, 213

 204, 231, 225

 135, 231, 208

 227, 231, 230

 112, 231, 202

 250, 231, 236

 89, 231, 197

 255, 231, 241

 66, 231, 191

 255, 231, 247

 42, 231, 186

 255, 231, 252

 19, 231, 180

 255, 231, 255

 0, 231, 176

Harmonies

Analogous

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



197, 229, 202



181, 231, 219



175, 231, 237

Triad

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



181, 231, 219



223, 217, 252



251, 214, 192

Complementary

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



181, 231, 219



231, 181, 193

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, 210, 205



181, 231, 219



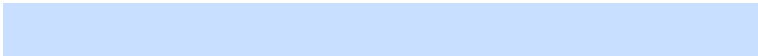
243, 211, 239

Square

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



181, 231, 219



200, 223, 255



255, 209, 222



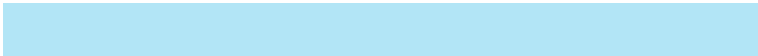
236, 219, 186

Rectangle

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



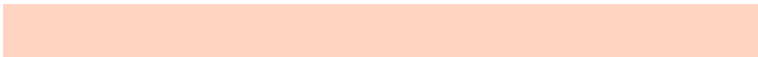
181, 231, 219



178, 229, 246



255, 209, 222



254, 212, 195

Sweetspot

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



181, 231, 219



240, 255, 251



194, 231, 181



119, 128, 125



0, 0, 0



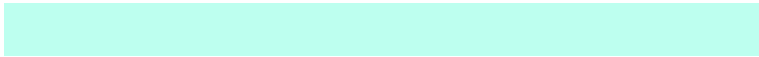
128, 128, 128

Same Dimension

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



181, 231, 219



189, 255, 239



181, 219, 231



103, 115, 112



0, 179, 136



0, 51, 39

Inverse Universe

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



231, 181, 193



255, 189, 205



231, 194, 181



115, 103, 106



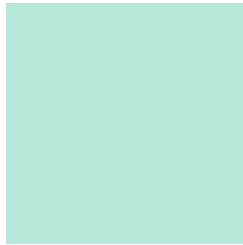
179, 0, 43



51, 0, 12

Previews

White Background



This preview shows how the RGB color 181, 231, 219 looks on a white background.

Color Contrast Check

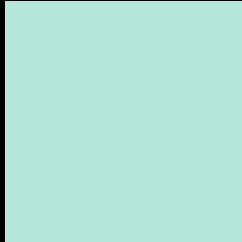
Large Text (above 18pt) WCAG AA × Fail

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, 231, 219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

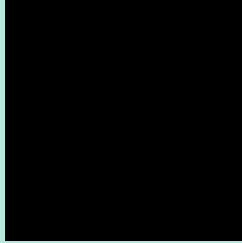
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

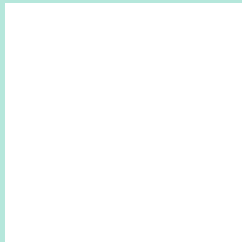
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 181, 231, 219 Background



This preview shows how black text looks on a background with the RGB color 181, 231, 219.



This preview shows how white text looks on a background with the RGB color 181, 231, 219.

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





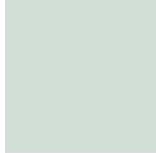
Tritanopia
186, 227, 245

Trichromacy



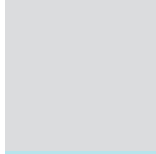
Original Color

181, 231, 219



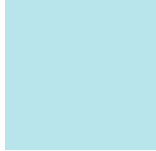
Protanomaly

210, 223, 215



Deuteranomaly

219, 220, 222



Tritanomaly

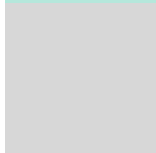
184, 228, 236

Monochromacy



Original Color

181, 231, 219



Achromatopsia

215, 215, 215



Achromatomaly

203, 221, 216

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 231, 219 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, 231, 219)` looks like.

```
.text, #text, p{  
    color:rgb(181, 231, 219)  
}
```

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, 231, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 231, 219) }
```

Border

The CSS property to change the border of an element to RGB 181, 231, 219 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, 231, 219) }
```

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

```
.border{ border-color:rgb(181, 231, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 231, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 231, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 231, 219);  
box-shadow:4px 4px 4px 4px rgb(181, 231,  
219) }
```

Background

The CSS property to change the background color of an element to RGB 181, 231, 219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 231, 219) }
```

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

```
.background{ background-color: rgb(181,  
231, 219) }
```

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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