

Converting Colors

RGB(181, 242, 235)

Have a look what the booklet for
RGB(181, 242, 235) contains.

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Color

RGB(181, 242, 235)

Conversions

Conversions Part 1

Format	Color
Hex	B5F2EB
RGB	181, 242, 235
RGB Percent	71%, 95%, 92%
CMY	0.2902, 0.0510, 0.0784
CMYK	0.25, 0.00, 0.03, 0.05
HSL	173°, 70%, 83%
HSV	173°, 25%, 95%
XYZ	65.8036, 79.3262, 90.4405
YIQ	222.9630, -34.1090, -15.1090

Conversions

Conversions Part 2

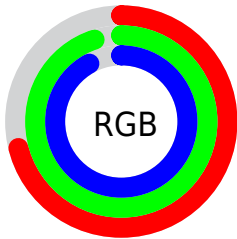
Format	Color
RYB	181, 213, 242
Decimal	11924203
CIELab	91.38, -20.53, -2.86
CIElCh	91, 20.727, 187.937
Yxy	79.3262, 0.2793, 0.3367
Android (android.graphics.Color)	4290114283 (0xFFB5F2EB)
YUV	222.9630, 5.9342, -36.8016
Hunter-Lab	89.0652, -23.9840, 2.1402

Details

The RGB color **181, 242, 235** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **242, 181, 188**, and the grayscale version is **223, 223, 223**.

A 20% lighter version of the original color is **238, 255, 255**, and **126, 186, 179** is the 20% darker color. If you saturate the color by 10%, you get **157, 242, 232**, and if you desaturate by 10%, it is **205, 242, 238**.

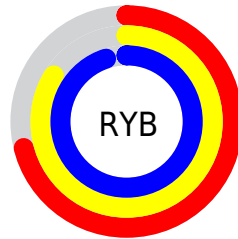
Distribution



Red (71%)

Green (95%)

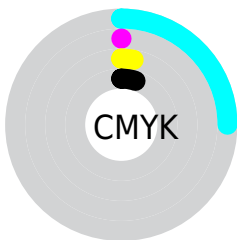
Blue (92%)



Red (71%)

Yellow (84%)

Blue (95%)

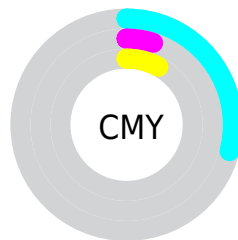


Cyan (25%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (29%)

Magenta (5%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the RGB color 181, 242, 235 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, 242, 235 by changing the saturation by 10% instead.

 181, 242, 235


255, 255, 255


 238, 255, 255

 181, 242, 235


 153, 214, 207

 126, 186, 179


 100, 159, 153


 74, 132, 127

 48, 107, 102

 20, 83, 78

 0, 59, 55

 0, 37, 34

 0, 10, 12

 181, 242, 235

 181, 242, 235

 157, 242, 232

 205, 242, 238

 133, 242, 229

 229, 242, 241

 108, 242, 227

 254, 242, 243

 84, 242, 224

 255, 242, 246

 60, 242, 221

 255, 242, 249

 36, 242, 218

 255, 242, 252

 12, 242, 216

 255, 242, 254

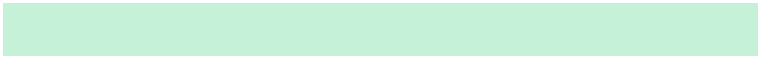
 0, 242, 214

 255, 242, 255

Harmonies

Analogous

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



196, 241, 215



181, 242, 235



179, 241, 254

Triad

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



181, 242, 235



241, 224, 255



255, 224, 194

Complementary

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



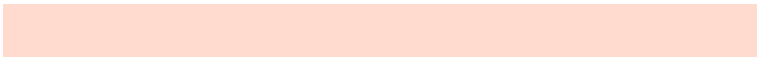
181, 242, 235



242, 181, 188

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, 219, 207



181, 242, 235



255, 218, 246

Square

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



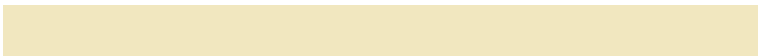
181, 242, 235



215, 230, 255



255, 216, 226



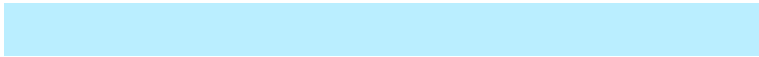
241, 231, 191

Rectangle

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



181, 242, 235



186, 238, 255



255, 216, 226



255, 222, 197

Sweetspot

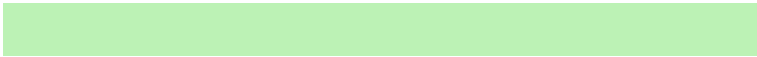
The Sweet Spot groups the original color and five complimentary colors.



181, 242, 235



235, 255, 253



188, 242, 181



115, 128, 126



0, 0, 0



128, 128, 128

Same Dimension

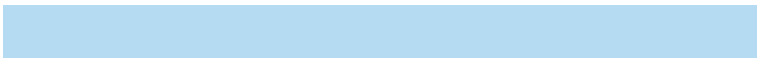
The Same Dimension uses a secret algorithm to generate beautiful new colors.



181, 242, 235



179, 255, 246



181, 219, 242



108, 120, 118



0, 184, 163



0, 56, 50

Inverse Universe

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



242, 181, 188



255, 179, 187



242, 204, 181



120, 108, 109



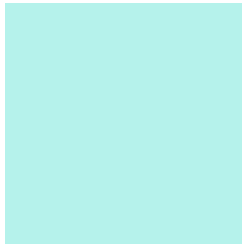
184, 0, 21



56, 0, 6

Previews

White Background



This preview shows how the RGB color 181, 242, 235 looks on a white background.

Color Contrast Check

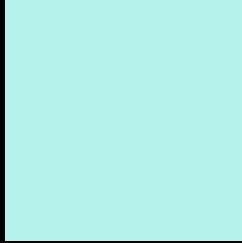
Large Text (above 18pt) WCAG AA × Fail

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, 242, 235 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, 242, 235 Background



This preview shows how black text looks on a background with the RGB color 181, 242, 235.

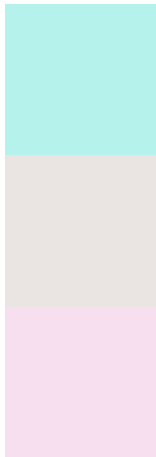


This preview shows how white text looks on a background with the RGB color 181, 242, 235.

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



Original Color
181, 242, 235

Protanopia
234, 228, 227

Deuteranopia
247, 223, 239



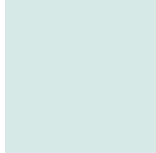
Tritanopia
191, 238, 255

Trichromacy



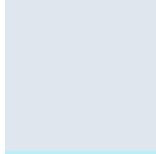
Original Color

181, 242, 235



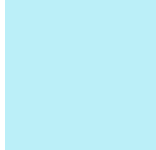
Protanomaly

215, 233, 230



Deuteranomaly

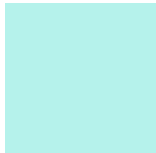
223, 230, 238



Tritanomaly

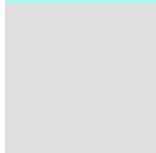
187, 239, 248

Monochromacy



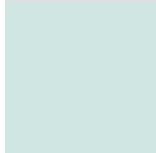
Original Color

181, 242, 235



Achromatopsia

223, 223, 223



Achromatomaly

208, 230, 227

CSS Examples

Text

The CSS property to change the color of the text to RGB 181, 242, 235 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, 242, 235)` looks like.

```
.text, #text, p{  
    color:rgb(181, 242, 235)  
}
```

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, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 242, 235) }
```

Border

The CSS property to change the border of an element to RGB 181, 242, 235 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, 242, 235) }
```

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

```
.border{ border-color:rgb(181, 242, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 242, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(181, 242,  
235) }
```

Background

The CSS property to change the background color of an element to RGB 181, 242, 235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 242, 235) }
```

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

```
.background{ background-color: rgb(181,  
242, 235) }
```

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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