

Converting Colors

RGB(180, 230, 205)

Have a look what the booklet for
RGB(180, 230, 205) contains.

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Color

RGB(180, 230, 205)

Conversions

Conversions Part 1

Format	Color
Hex	B4E6CD
RGB	180, 230, 205
RGB Percent	71%, 90%, 80%
CMY	0.2941, 0.0980, 0.1961
CMYK	0.22, 0.00, 0.11, 0.10
HSL	150°, 50%, 80%
HSV	150°, 22%, 90%
XYZ	58.1386, 70.7047, 68.3407
YIQ	212.2000, -21.7750, -18.3750

Conversions

Conversions Part 2

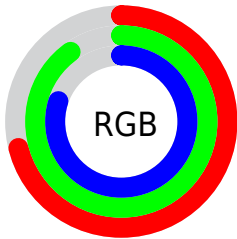
Format	Color
RYB	180, 213, 230
Decimal	11855565
CIELab	87.34, -21.00, 6.94
CIElCh	87, 22.116, 161.724
Yxy	70.7047, 0.2948, 0.3586
Android (android.graphics.Color)	4290045645 (0xFFB4E6CD)
YUV	212.2000, -3.5496, -28.2394
Hunter-Lab	84.0861, -23.7325, 10.6725

Details

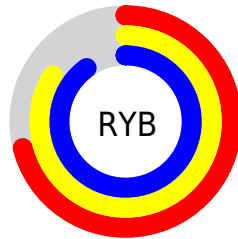
The RGB color **180, 230, 205** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **230, 180, 205**, and the grayscale version is **212, 212, 212**.

A 20% lighter version of the original color is **236, 255, 255**, and **126, 174, 151** is the 20% darker color. If you saturate the color by 10%, you get **157, 230, 194**, and if you desaturate by 10%, it is **203, 230, 217**.

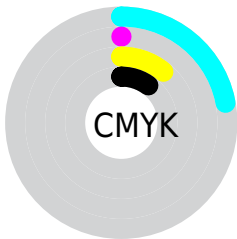
Distribution



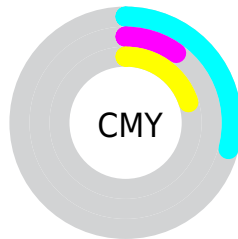
- Red (71%)
- Green (90%)
- Blue (80%)



- Red (71%)
- Yellow (84%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (29%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the RGB color 180, 230, 205 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 180, 230, 205 by changing the saturation by 10% instead.

 180, 230, 205

255, 255, 255


 236, 255, 255


 180, 230, 205

 153, 202, 178

 126, 174, 151

 101, 148, 125

 76, 122, 100

 51, 97, 76

 27, 73, 53

 1, 50, 32

 0, 30, 9

 0, 0, 0

 180, 230, 205

 180, 230, 205

 157, 230, 194

 203, 230, 217

 134, 230, 182

 226, 230, 228

 111, 230, 171

 249, 230, 240

 88, 230, 159

 255, 230, 251

 65, 230, 147

 255, 230, 255

 42, 230, 136

 19, 230, 125

 0, 230, 115

Harmonies

Analogous

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



203, 226, 187



180, 230, 205



165, 231, 227

Triad

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



180, 230, 205



206, 218, 255



255, 207, 192

Complementary

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



180, 230, 205



230, 180, 205

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, 204, 211



180, 230, 205



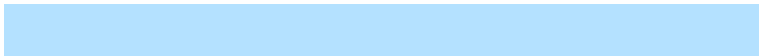
233, 211, 250

Square

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



180, 230, 205



180, 225, 255



253, 206, 233



247, 213, 179

Rectangle

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



180, 230, 205



162, 230, 240



253, 206, 233



255, 206, 198

Sweetspot

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



180, 230, 205



237, 255, 246



205, 230, 180



117, 128, 122



0, 0, 0



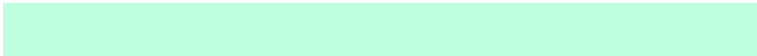
128, 128, 128

Same Dimension

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



180, 230, 205



189, 255, 222



180, 230, 230



103, 115, 109



0, 179, 89



0, 51, 26

Inverse Universe

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



230, 180, 205



255, 189, 222



230, 180, 180



115, 103, 109



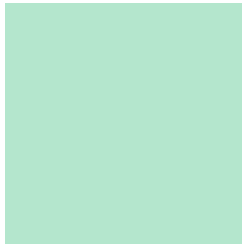
179, 0, 89



51, 0, 26

Previews

White Background



This preview shows how the RGB color 180, 230, 205 looks on a white background.

Color Contrast Check

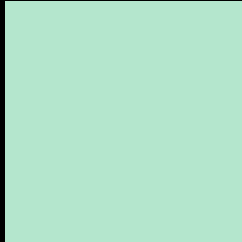
Large Text (above 18pt) WCAG AA × Fail

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 180, 230, 205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

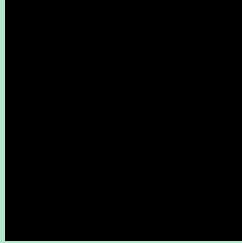
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

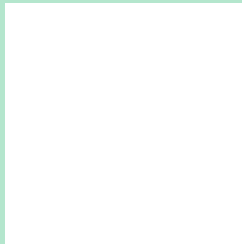
Any Text WCAG AAA ✓ Pass

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

RGB 180, 230, 205 Background



This preview shows how black text looks on a background with the RGB color 180, 230, 205.

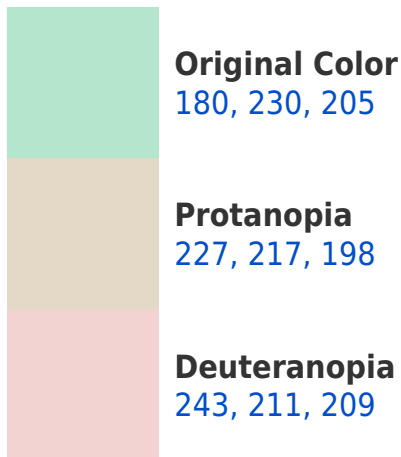


This preview shows how white text looks on a background with the RGB color 180, 230, 205.

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





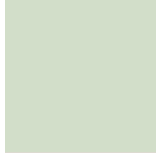
Tritanopia
187, 225, 243

Trichromacy



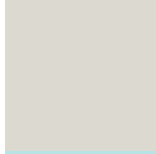
Original Color

180, 230, 205



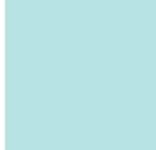
Protanomaly

210, 222, 201



Deuteranomaly

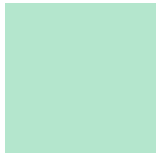
220, 218, 208



Tritanomaly

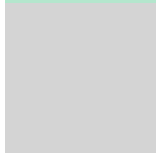
184, 227, 229

Monochromacy



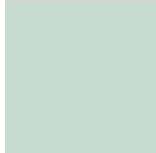
Original Color

180, 230, 205



Achromatopsia

212, 212, 212



Achromatomaly

200, 219, 209

CSS Examples

Text

The CSS property to change the color of the text to RGB 180, 230, 205 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(180, 230, 205)` looks like.

```
.text, #text, p{  
    color:rgb(180, 230, 205)  
}
```

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(180, 230, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 230, 205) }
```

Border

The CSS property to change the border of an element to RGB 180, 230, 205 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(180, 230, 205) }
```

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

```
.border{ border-color:rgb(180, 230, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 230, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 230, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 230, 205);  
box-shadow:4px 4px 4px 4px rgb(180, 230,  
205) }
```

Background

The CSS property to change the background color of an element to RGB 180, 230, 205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 230, 205) }
```

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

```
.background{ background-color: rgb(180,  
230, 205) }
```

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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