

Converting Colors

RGB(183, 225, 236)

Have a look what the booklet for
RGB(183, 225, 236) contains.

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Color

RGB(183, 225, 236)

Conversions

Conversions Part 1

Format	Color
Hex	B7E1EC
RGB	183, 225, 236
RGB Percent	72%, 88%, 93%
CMY	0.2824, 0.1176, 0.0745
CMYK	0.22, 0.05, 0.00, 0.07
HSL	192°, 58%, 82%
HSV	192°, 22%, 93%
XYZ	61.5940, 69.9738, 89.6168
YIQ	213.6960, -28.5630, -5.4830

Conversions

Conversions Part 2

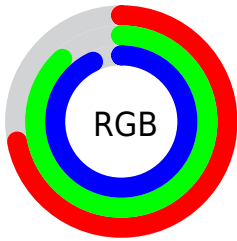
Format	Color
RYB	183, 206, 236
Decimal	12050924
CIELab	86.98, -11.21, -9.87
CIELCh	87, 14.940, 221.358
Yxy	69.9738, 0.2785, 0.3164
Android (android.graphics.Color)	4290241004 (0xFFB7E1EC)
YUV	213.6960, 10.9959, -26.9204
Hunter-Lab	83.6504, -14.9539, -4.9637

Details

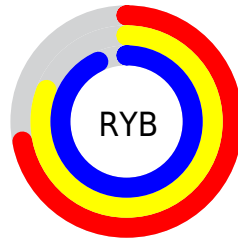
The RGB color **183, 225, 236** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **236, 194, 183**, and the grayscale version is **214, 214, 214**.

A 20% lighter version of the original color is **240, 255, 255**, and **129, 170, 180** is the 20% darker color. If you saturate the color by 10%, you get **159, 220, 236**, and if you desaturate by 10%, it is **207, 230, 236**.

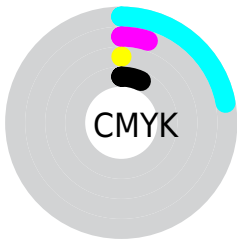
Distribution



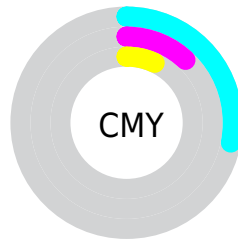
- Red (72%)
- Green (88%)
- Blue (93%)



- Red (72%)
- Yellow (81%)
- Blue (93%)



- Cyan (22%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (28%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the RGB color 183, 225, 236 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 183, 225, 236 by changing the saturation by 10% instead.

 183, 225, 236

255, 255, 255


 240, 255, 255

 183, 225, 236

 156, 197, 208

 129, 170, 180

 103, 143, 153

 78, 118, 127

 53, 93, 102

 28, 69, 78

 0, 47, 56

 0, 27, 34

 0, 0, 11

■ 183, 225, 236

■ 183, 225, 236

■ 159, 220, 236

■ 207, 230, 236

■ 136, 215, 236

■ 230, 235, 236

■ 112, 210, 236

■ 254, 240, 236

■ 89, 205, 236

■ 255, 245, 236

■ 65, 201, 236

■ 255, 249, 236

■ 41, 196, 236

■ 255, 254, 236

■ 18, 191, 236

■ 255, 255, 236

■ 0, 187, 236

Harmonies

Analogous

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



183, 226, 223



183, 225, 236



193, 222, 244

Triad

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



183, 225, 236



241, 209, 227



224, 219, 190

Complementary

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



183, 225, 236



236, 194, 183

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.



238, 214, 191



183, 225, 236



248, 208, 213

Square

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



183, 225, 236



227, 213, 239



247, 210, 200



207, 223, 196

Rectangle

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



183, 225, 236



204, 219, 246



247, 210, 200



229, 217, 190

Sweetspot

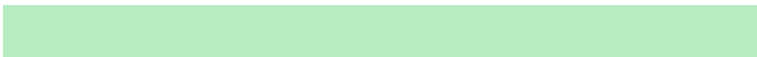
The Sweet Spot groups the original color and five complimentary colors.



183, 225, 236



237, 251, 255



183, 236, 194



117, 125, 128



0, 0, 0



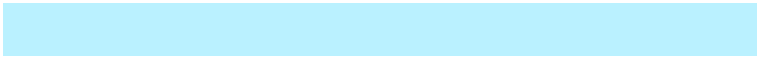
128, 128, 128

Same Dimension

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



183, 225, 236



186, 241, 255



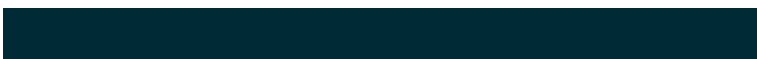
183, 199, 236



106, 115, 117



0, 143, 181



0, 42, 54

Inverse Universe

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



236, 183, 225



255, 186, 241



236, 220, 183



117, 106, 115



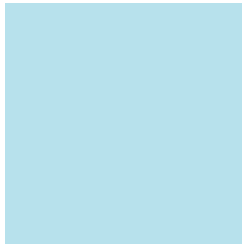
181, 0, 143



54, 0, 42

Previews

White Background



This preview shows how the RGB color 183, 225, 236 looks on a white background.

Color Contrast Check

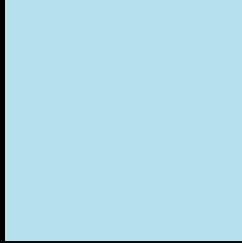
Large Text (above 18pt) WCAG AA × Fail

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 183, 225, 236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

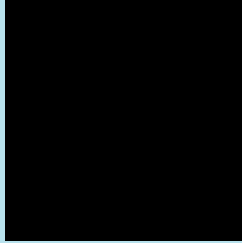
Any Text WCAG AA ✓ Pass

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 183, 225, 236 Background



This preview shows how black text looks on a background with the RGB color 183, 225, 236.



This preview shows how white text looks on a background with the RGB color 183, 225, 236.

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](#).

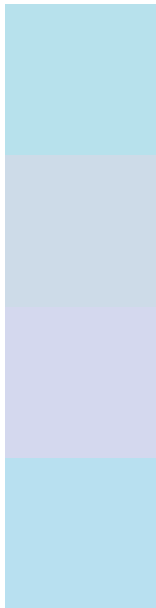
Dichromacy





Tritanopia
184, 224, 242

Trichromacy



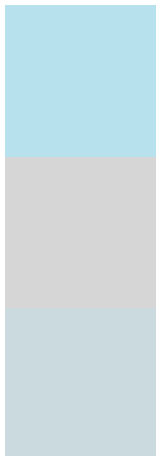
Original Color
183, 225, 236

Protanomaly
205, 219, 232

Deuteranomaly
212, 216, 238

Tritanomaly
184, 224, 240

Monochromacy



Original Color
183, 225, 236

Achromatopsia
214, 214, 214

Achromatomaly
203, 218, 222

CSS Examples

Text

The CSS property to change the color of the text to RGB 183, 225, 236 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(183, 225, 236)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 236)  
}
```

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(183, 225, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 236) }
```

Border

The CSS property to change the border of an element to RGB 183, 225, 236 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(183, 225, 236) }
```

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

```
.border{ border-color:rgb(183, 225, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 225, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 225, 236); box-shadow:4px 4px 4px 4px rgb(183, 225, 236) }
```

Background

The CSS property to change the background color of an element to RGB 183, 225, 236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 236) }
```

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

```
.background{ background-color: rgb(183,  
225, 236) }
```

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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