

Converting Colors

RGB(188, 238, 251)

Have a look what the booklet for
RGB(188, 238, 251) contains.

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Color

RGB(188, 238, 251)

Conversions

Conversions Part 1

Format	Color
Hex	BCEEFB
RGB	188, 238, 251
RGB Percent	74%, 93%, 98%
CMY	0.2627, 0.0667, 0.0157
CMYK	0.25, 0.05, 0.00, 0.02
HSL	192°, 89%, 86%
HSV	192°, 25%, 98%
XYZ	68.7262, 78.8055, 102.8555
YIQ	224.5320, -33.9730, -6.5570

Conversions

Conversions Part 2

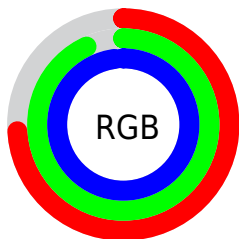
Format	Color
RYB	188, 216, 251
Decimal	12381947
CIELab	91.15, -13.06, -11.50
CIELCh	91, 17.404, 221.378
Yxy	78.8055, 0.2745, 0.3147
Android (android.graphics.Color)	4290572027 (0xFFBCEEFB)
YUV	224.5320, 13.0487, -32.0386
Hunter-Lab	88.7724, -17.1600, -6.5552

Details

The RGB color **188, 238, 251** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **251, 201, 188**, and the grayscale version is **224, 224, 224**.

A 20% lighter version of the original color is **245, 255, 255**, and **133, 182, 194** is the 20% darker color. If you saturate the color by 10%, you get **163, 233, 251**, and if you desaturate by 10%, it is **213, 243, 251**.

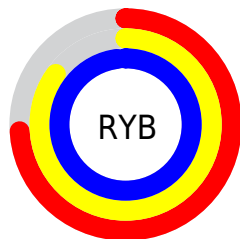
Distribution



Red (74%)

Green (93%)

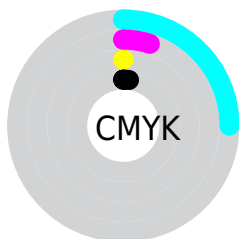
Blue (98%)



Red (74%)

Yellow (85%)

Blue (98%)

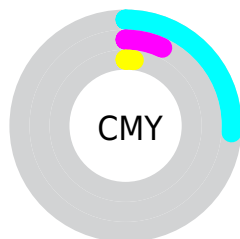


Cyan (25%)

Magenta (5%)

Yellow (0%)

Black (2%)



Cyan (26%)

Magenta (7%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 188, 238, 251 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 188, 238, 251 by changing the saturation by 10% instead.

 188, 238, 251

255, 255, 255


 245, 255, 255


 188, 238, 251

 160, 210, 222

 133, 182, 194


 107, 155, 167

 81, 129, 141

 55, 104, 115

 29, 80, 91

 0, 57, 67

 0, 35, 45

 0, 9, 25

■ 188, 238, 251

■ 188, 238, 251

■ 163, 233, 251

■ 213, 243, 251

■ 138, 228, 251

■ 238, 248, 251

■ 113, 222, 251

■ 255, 254, 251

■ 88, 217, 251

■ 255, 255, 251

■ 63, 212, 251

■ 37, 207, 251

■ 12, 202, 251

■ 0, 199, 251

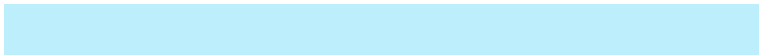
Harmonies

Analogous

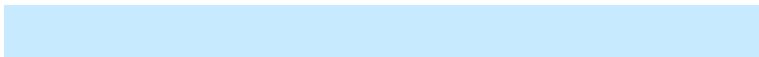
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



188, 240, 236



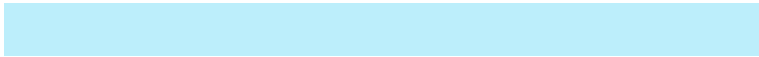
188, 238, 251



200, 234, 255

Triad

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



188, 238, 251



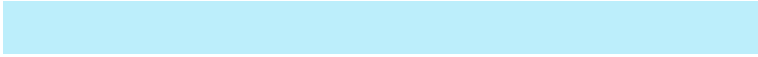
255, 219, 241



236, 231, 197

Complementary

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



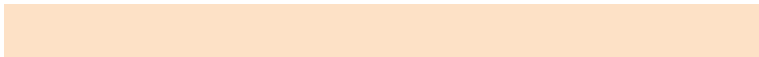
188, 238, 251



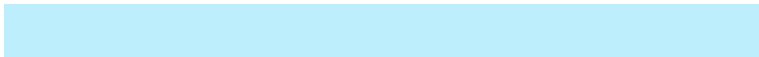
251, 201, 188

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.



253, 225, 198



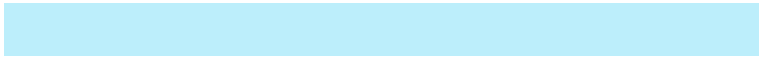
188, 238, 251



255, 218, 224

Square

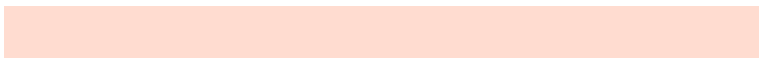
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



188, 238, 251



241, 223, 255



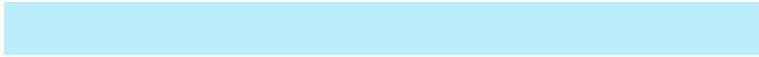
255, 220, 208



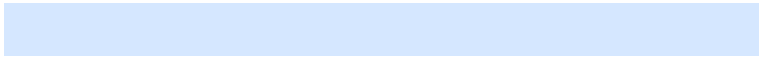
217, 235, 204

Rectangle

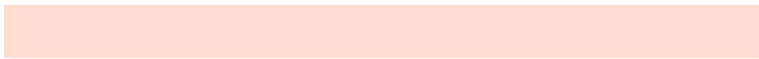
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



188, 238, 251



213, 231, 255



255, 220, 208



242, 229, 196

Sweetspot

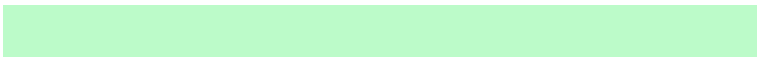
The Sweet Spot groups the original color and five complimentary colors.



188, 238, 251



235, 251, 255



188, 251, 201



115, 125, 128



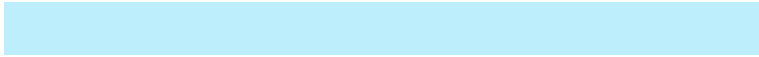
0, 0, 0



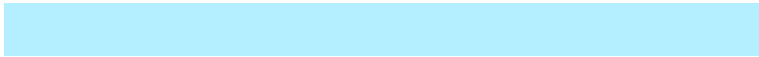
128, 128, 128

Same Dimension

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



188, 238, 251



179, 239, 255



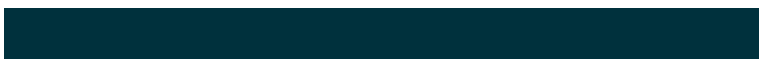
188, 207, 251



112, 122, 125



0, 150, 189



0, 49, 61

Inverse Universe

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



251, 188, 238



255, 179, 239



251, 232, 188



125, 112, 122



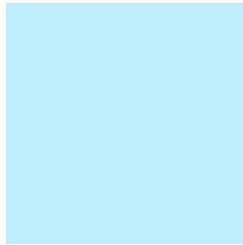
189, 0, 150



61, 0, 49

Previews

White Background



This preview shows how the RGB color 188, 238, 251 looks on a white background.

Color Contrast Check

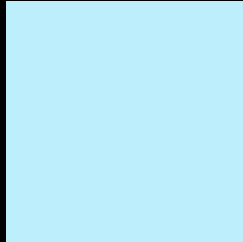
Large Text (above 18pt) WCAG AA × Fail

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 188, 238, 251 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

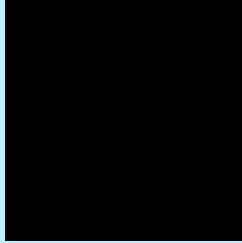
Any Text WCAG AA ✓ Pass

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 188, 238, 251 Background



This preview shows how black text looks on a background with the RGB color 188, 238, 251.

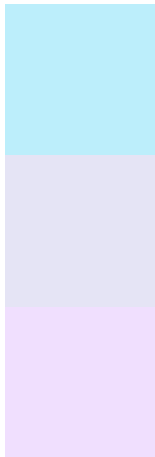


This preview shows how white text looks on a background with the RGB color 188, 238, 251.

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
188, 238, 251

Protanopia
229, 228, 245

Deuteranopia
240, 223, 254

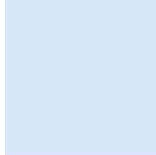


Tritanopia
191, 237, 255

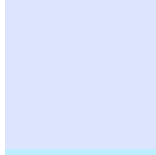
Trichromacy



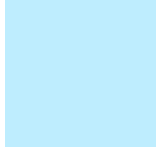
Original Color
188, 238, 251



Protanomaly
214, 232, 247

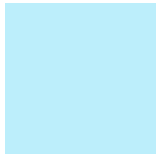


Deuteranomaly
221, 228, 253

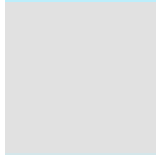


Tritanomaly
190, 237, 254

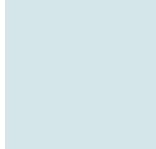
Monochromacy



Original Color
188, 238, 251



Achromatopsia
225, 225, 225



Achromatomaly
212, 230, 234

CSS Examples

Text

The CSS property to change the color of the text to RGB 188, 238, 251 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(188, 238, 251)` looks like.

```
.text, #text, p{  
    color:rgb(188, 238, 251)  
}
```

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(188, 238, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 238, 251) }
```

Border

The CSS property to change the border of an element to RGB 188, 238, 251 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(188, 238, 251) }
```

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

```
.border{ border-color:rgb(188, 238, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 238, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 238, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 238, 251);  
box-shadow:4px 4px 4px 4px rgb(188, 238,  
251) }
```

Background

The CSS property to change the background color of an element to RGB 188, 238, 251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 238, 251) }
```

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

```
.background{ background-color: rgb(188,  
238, 251) }
```

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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