

Converting Colors

RGB(189, 232, 250)

Have a look what the booklet for
RGB(189, 232, 250) contains.

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Color

RGB(189, 232, 250)

Conversions

Conversions Part 1

Format	Color
Hex	BDE8FA
RGB	189, 232, 250
RGB Percent	74%, 91%, 98%
CMY	0.2588, 0.0902, 0.0196
CMYK	0.24, 0.07, 0.00, 0.02
HSL	198°, 86%, 86%
HSV	198°, 24%, 98%
XYZ	67.0982, 75.4342, 101.4663
YIQ	221.1950, -31.4060, -3.5180

Conversions

Conversions Part 2

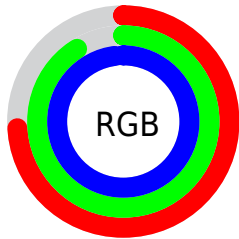
Format	Color
R _{YB}	189, 214, 250
Decimal	12445946
CIE Lab	89.60, -9.95, -13.29
CIE LCh	90, 16.601, 233.180
Yxy	75.4342, 0.2750, 0.3092
Android (android.graphics.Color)	4290636026 (0xFFBDE8FA)
YUV	221.1950, 14.2009, -28.2350
Hunter-Lab	86.8528, -14.0922, -8.4689

Details

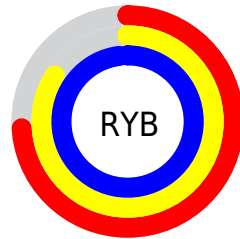
The RGB color **189, 232, 250** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **250, 207, 189**, and the grayscale version is **221, 221, 221**.

A 20% lighter version of the original color is **246, 255, 255**, and **134, 176, 194** is the 20% darker color. If you saturate the color by 10%, you get **164, 225, 250**, and if you desaturate by 10%, it is **214, 239, 250**.

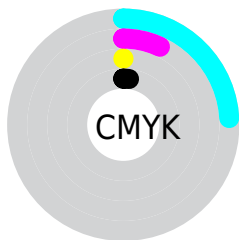
Distribution



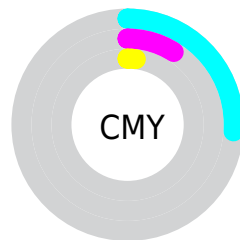
- Red (74%)
- Green (91%)
- Blue (98%)



- Red (74%)
- Yellow (84%)
- Blue (98%)



- Cyan (24%)
- Magenta (7%)
- Yellow (0%)
- Black (2%)



- Cyan (26%)
- Magenta (9%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 232, 250 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 189, 232, 250 by changing the saturation by 10% instead.


 189, 232, 250

255, 255, 255


 246, 255, 255

 189, 232, 250


 161, 204, 221

 134, 176, 194


 108, 150, 166

 82, 124, 140

 57, 99, 114

 31, 75, 90

 0, 52, 66

 0, 31, 44

 0, 1, 24

■ 189, 232, 250

■ 189, 232, 250

■ 164, 225, 250

■ 214, 239, 250

■ 139, 217, 250

■ 239, 247, 250

■ 114, 210, 250

■ 255, 254, 250

■ 89, 202, 250

■ 255, 255, 250

■ 64, 195, 250

■ 39, 188, 250

■ 14, 180, 250

■ 0, 176, 250

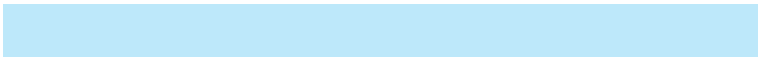
Harmonies

Analogous

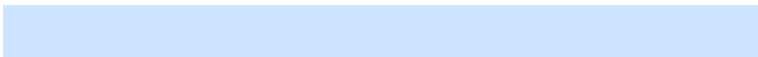
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



185, 234, 237



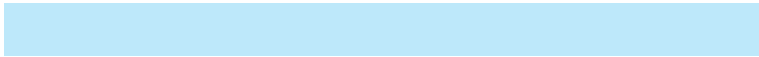
189, 232, 250



204, 228, 255

Triad

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



189, 232, 250



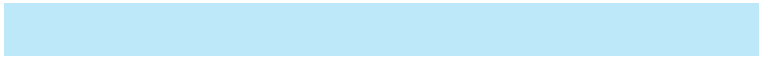
255, 215, 229



225, 228, 196

Complementary

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



189, 232, 250



250, 207, 189

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.



242, 223, 194



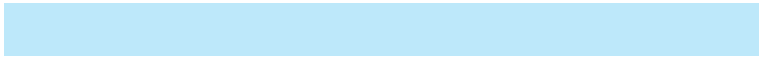
189, 232, 250



255, 215, 213

Square

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



189, 232, 250



243, 218, 244



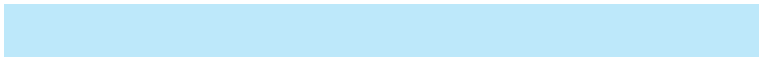
254, 218, 200



206, 232, 206

Rectangle

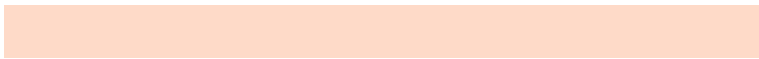
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



189, 232, 250



217, 224, 255



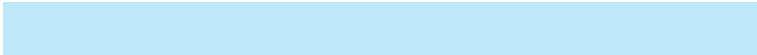
254, 218, 200



231, 226, 194

Sweetspot

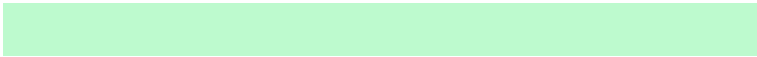
The Sweet Spot groups the original color and five complimentary colors.



189, 232, 250



237, 250, 255



189, 250, 206



117, 124, 128



0, 0, 0



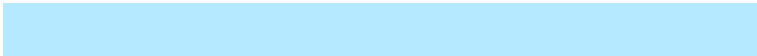
128, 128, 128

Same Dimension

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



189, 232, 250



181, 233, 255



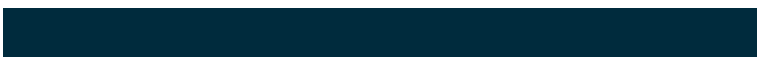
189, 202, 250



112, 121, 125



0, 133, 189



0, 43, 61

Inverse Universe

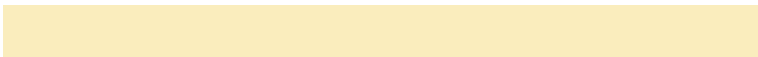
The Inverse Universe completely reimagines the original color for something new.



250, 189, 232



255, 181, 233



250, 237, 189



125, 112, 121



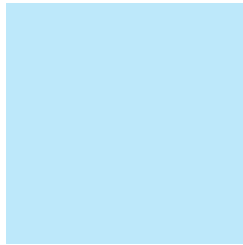
189, 0, 133



61, 0, 43

Previews

White Background



This preview shows how the RGB color 189, 232, 250 looks on a white background.

Color Contrast Check

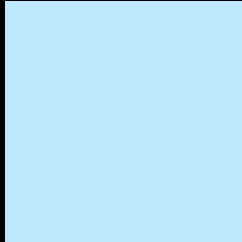
Large Text (above 18pt) WCAG AA × Fail

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 189, 232, 250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

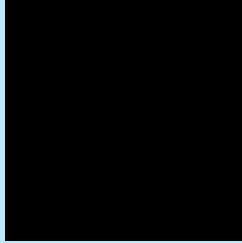
Any Text WCAG AA ✓ Pass

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 189, 232, 250 Background



This preview shows how black text looks on a background with the RGB color 189, 232, 250.



This preview shows how white text looks on a background with the RGB color 189, 232, 250.

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





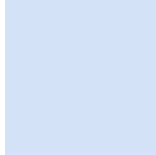
Tritanopia
189, 232, 250

Trichromacy



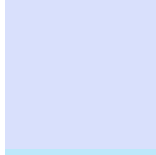
Original Color

189, 232, 250



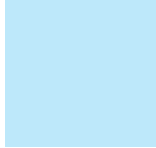
Protanomaly

211, 226, 246



Deuteranomaly

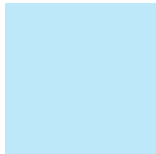
217, 224, 252



Tritanomaly

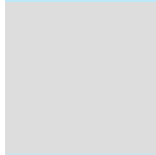
189, 232, 250

Monochromacy



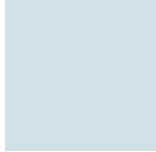
Original Color

189, 232, 250



Achromatopsia

221, 221, 221



Achromatomaly

209, 225, 232

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 232, 250 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(189, 232, 250)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 250)  
}
```

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(189, 232, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 250) }
```

Border

The CSS property to change the border of an element to RGB 189, 232, 250 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(189, 232, 250) }
```

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

```
.border{ border-color:rgb(189, 232, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 250);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
250) }
```

Background

The CSS property to change the background color of an element to RGB 189, 232, 250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 250) }
```

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

```
.background{ background-color: rgb(189,  
232, 250) }
```

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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