

Converting Colors

RGB(189, 226, 240)

Have a look what the booklet for
RGB(189, 226, 240) contains.

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Color

RGB(189, 226, 240)

Conversions

Conversions Part 1

Format	Color
Hex	BDE2F0
RGB	189, 226, 240
RGB Percent	74%, 89%, 94%
CMY	0.2588, 0.1137, 0.0588
CMYK	0.21, 0.06, 0.00, 0.06
HSL	196°, 63%, 84%
HSV	196°, 21%, 94%
XYZ	63.9108, 71.5028, 92.8710
YIQ	216.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

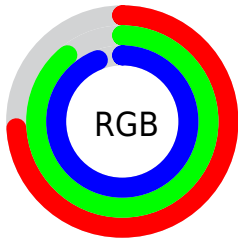
Format	Color
R _{YB}	189, 210, 240
Decimal	12444400
CIE Lab	87.73, -9.07, -10.83
CIE LCh	88, 14.123, 230.068
Yxy	71.5028, 0.2800, 0.3132
Android (android.graphics.Color)	4290634480 (0xFFBDE2F0)
YUV	216.5330, 11.5692, -24.1464
Hunter-Lab	84.5593, -13.0667, -5.9263

Details

The RGB color **189, 226, 240** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **240, 203, 189**, and the grayscale version is **216, 216, 216**.

A 20% lighter version of the original color is **246, 255, 255**, and **135, 171, 184** is the 20% darker color. If you saturate the color by 10%, you get **165, 219, 240**, and if you desaturate by 10%, it is **213, 233, 240**.

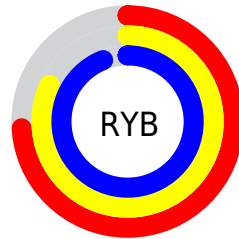
Distribution



Red (74%)

Green (89%)

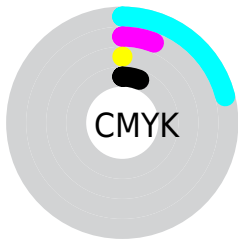
Blue (94%)



Red (74%)

Yellow (82%)

Blue (94%)

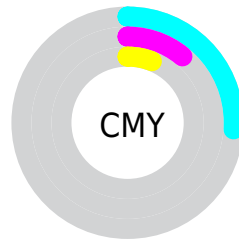


Cyan (21%)

Magenta (6%)

Yellow (0%)

Black (6%)



Cyan (26%)

Magenta (11%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the RGB color 189, 226, 240 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, 226, 240 by changing the saturation by 10% instead.

■ 189, 226, 240

255, 255, 255

■ 246, 255, 255

■ 189, 226, 240

■ 162, 198, 212

■ 135, 171, 184

■ 109, 144, 157

■ 84, 119, 131

■ 59, 94, 106

■ 35, 70, 82

■ 8, 48, 59

■ 0, 27, 37

■ 0, 1, 16

 189, 226, 240

 189, 226, 240

 165, 219, 240

 213, 233, 240

 141, 213, 240


 237, 239, 240

 117, 206, 240


 255, 246, 240


 93, 200, 240

 255, 252, 240

 69, 193, 240

 255, 255, 240

 45, 186, 240

 21, 180, 240

 0, 174, 240

Harmonies

Analogous

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



186, 228, 229



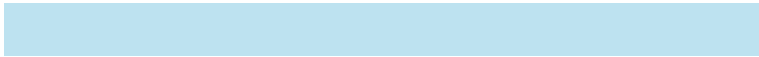
189, 226, 240



201, 222, 246

Triad

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



189, 226, 240



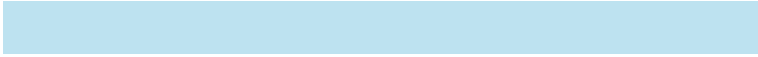
245, 211, 225



221, 222, 195

Complementary

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



189, 226, 240



240, 203, 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.



236, 217, 194



189, 226, 240



249, 211, 211

Square

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



189, 226, 240



233, 214, 237



246, 213, 200



206, 226, 202

Rectangle

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



189, 226, 240



211, 220, 246



246, 213, 200



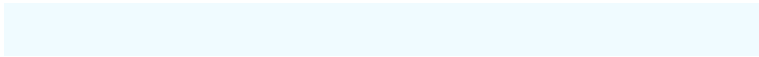
226, 220, 194

Sweetspot

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



189, 226, 240



240, 251, 255



189, 240, 203



119, 125, 128



0, 0, 0



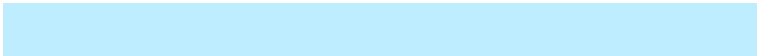
128, 128, 128

Same Dimension

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



189, 226, 240



189, 237, 255



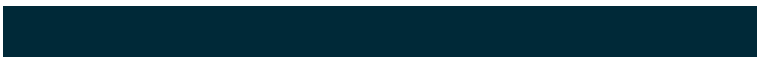
189, 201, 240



108, 117, 120



0, 133, 184



0, 41, 56

Inverse Universe

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



240, 189, 226



255, 189, 237



240, 228, 189



120, 108, 117



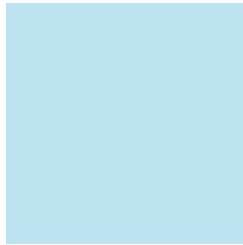
184, 0, 133



56, 0, 41

Previews

White Background



This preview shows how the RGB color 189, 226, 240 looks on a white background.

Color Contrast Check

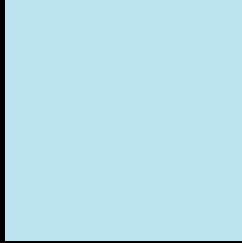
Large Text (above 18pt) WCAG AA × Fail

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, 226, 240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

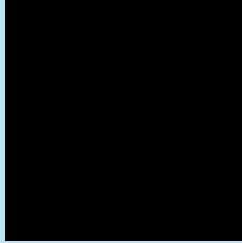
Any Text WCAG AA ✓ Pass

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, 226, 240 Background



This preview shows how black text looks on a background with the RGB color 189, 226, 240.



This preview shows how white text looks on a background with the RGB color 189, 226, 240.

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](#).

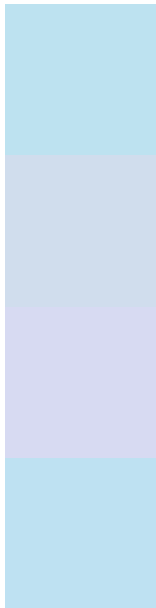
Dichromacy





Tritanopia
190, 225, 243

Trichromacy



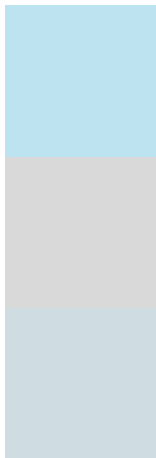
Original Color
189, 226, 240

Protanomaly
208, 221, 237

Deuteranomaly
215, 218, 242

Tritanomaly
190, 225, 242

Monochromacy



Original Color
189, 226, 240

Achromatopsia
217, 217, 217

Achromatomaly
207, 220, 225

CSS Examples

Text

The CSS property to change the color of the text to RGB 189, 226, 240 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, 226, 240)` looks like.

```
.text, #text, p{  
    color:rgb(189, 226, 240)  
}
```

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, 226, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 226, 240) }
```

Border

The CSS property to change the border of an element to RGB 189, 226, 240 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, 226, 240) }
```

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

```
.border{ border-color:rgb(189, 226, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 226, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 226, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 226, 240);  
box-shadow:4px 4px 4px 4px rgb(189, 226,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 189, 226, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 226, 240) }
```

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

```
.background{ background-color: rgb(189,  
226, 240) }
```

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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