

Converting Colors

RGB(131, 188, 225)

Have a look what the booklet for
RGB(131, 188, 225) contains.

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Color

RGB(131, 188, 225)

Conversions

Conversions Part 1

Format	Color
Hex	83BCE1
RGB	131, 188, 225
RGB Percent	51%, 74%, 88%
CMY	0.4863, 0.2627, 0.1176
CMYK	0.42, 0.16, 0.00, 0.12
HSL	204°, 61%, 70%
HSV	204°, 42%, 88%
XYZ	40.9339, 46.2280, 77.9996
YIQ	175.1750, -45.8490, -0.5770

Conversions

Conversions Part 2

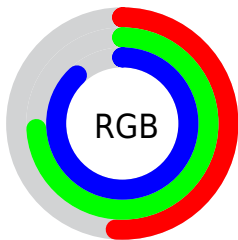
Format	Color
R_{YB}	131, 166, 225
Decimal	8633569
CIE _{Lab}	73.69, -9.02, -24.31
CIE _{LCh}	74, 25.930, 249.642
Yxy	46.2280, 0.2478, 0.2799
Android (android.graphics.Color)	4286823649 (0xFF83BCE1)
YUV	175.1750, 24.5637, -38.7415
Hunter-Lab	67.9912, -11.5191, -20.4238

Details

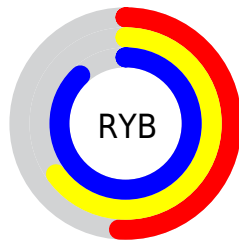
The RGB color **131, 188, 225** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **225, 168, 131**, and the grayscale version is **175, 175, 175**.

A 20% lighter version of the original color is **187, 244, 255**, and **76, 135, 170** is the 20% darker color. If you saturate the color by 10%, you get **109, 179, 225**, and if you desaturate by 10%, it is **154, 197, 225**.

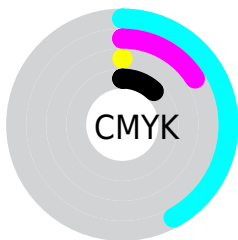
Distribution



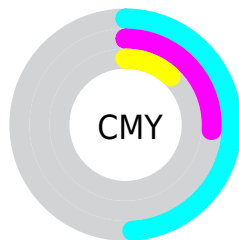
- Red (51%)
- Green (74%)
- Blue (88%)



- Red (51%)
- Yellow (65%)
- Blue (88%)



- Cyan (42%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)




- Cyan (49%)
- Magenta (26%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the RGB color 131, 188, 225 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 131, 188, 225 by changing the saturation by 10% instead.


 131, 188, 225


255, 255, 255


 187, 244, 255


 216, 255, 255

 245, 255, 255

 131, 188, 225

 103, 161, 197

 76, 135, 170

 47, 110, 143

 6, 85, 117


 0, 62, 93


 0, 40, 69

 0, 20, 46

 0, 1, 25


 0, 0, 0

 131, 188, 225


 131, 188, 225

 109, 179, 225


 154, 197, 225


 86, 170, 225


 176, 206, 225

 64, 161, 225

 199, 215, 225

 41, 153, 225

 221, 223, 225

 19, 144, 225

 243, 232, 225

 0, 136, 225

 255, 241, 225

 255, 250, 225

 255, 255, 225

Harmonies

Analogous

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



112, 193, 211



131, 188, 225



163, 181, 228

Triad

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



131, 188, 225



229, 164, 174



164, 189, 144

Complementary

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



131, 188, 225



225, 168, 131

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.



191, 182, 134



131, 188, 225



227, 167, 152

Square

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



131, 188, 225



218, 166, 198



213, 174, 137



137, 193, 164

Rectangle

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



131, 188, 225



185, 175, 222



213, 174, 137



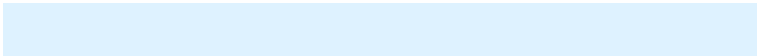
173, 187, 139

Sweetspot

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



131, 188, 225



222, 242, 255



131, 225, 167



107, 119, 128



0, 0, 0



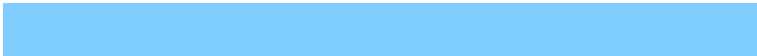
128, 128, 128

Same Dimension

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



131, 188, 225



128, 205, 255



131, 142, 225



101, 108, 112



0, 107, 176



0, 29, 48

Inverse Universe

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



225, 131, 188



255, 128, 205



225, 214, 131



112, 101, 108



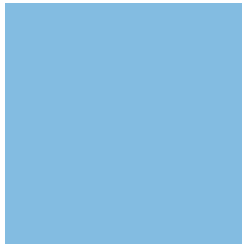
176, 0, 107



48, 0, 29

Previews

White Background



This preview shows how the RGB color 131, 188, 225 looks on a white background.

Color Contrast Check

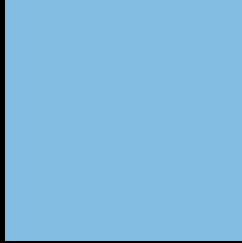
Large Text (above 18pt) WCAG AA × Fail

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 131, 188, 225 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 131, 188, 225 Background



This preview shows how black text looks on a background with the RGB color 131, 188, 225.

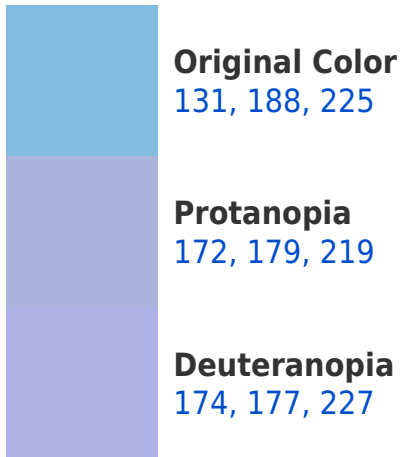


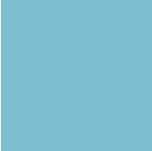
This preview shows how white text looks on a background with the RGB color 131, 188, 225.

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](#).

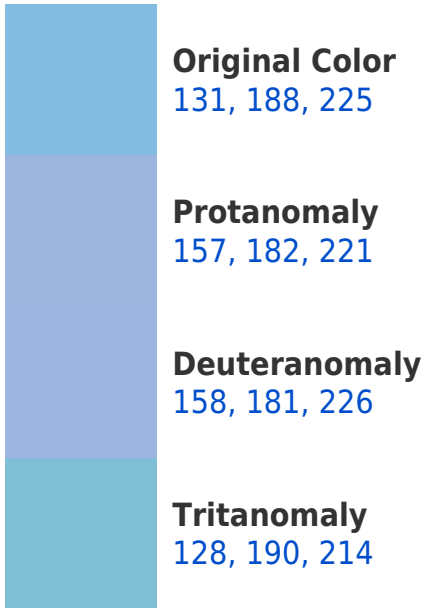
Dichromacy



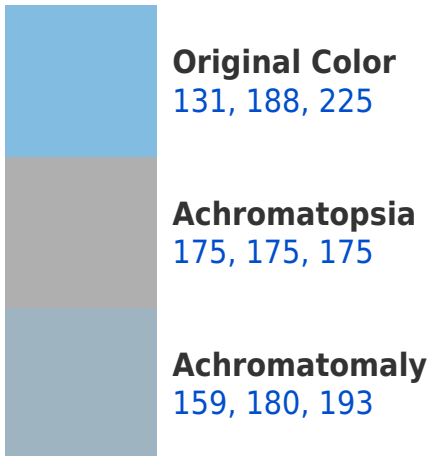


Tritanopia
126, 191, 207

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 131, 188, 225 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(131, 188, 225)` looks like.

```
.text, #text, p{  
    color:rgb(131, 188, 225)  
}
```

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(131, 188, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 188, 225) }
```

Border

The CSS property to change the border of an element to RGB 131, 188, 225 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(131, 188, 225) }
```

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

```
.border{ border-color:rgb(131, 188, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 188, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 188, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 188, 225);  
box-shadow:4px 4px 4px 4px rgb(131, 188,  
225) }
```

Background

The CSS property to change the background color of an element to RGB 131, 188, 225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 188, 225) }
```

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

```
.background{ background-color: rgb(131,  
188, 225) }
```

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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