

Converting Colors

RGB(133, 208, 240)

Have a look what the booklet for
RGB(133, 208, 240) contains.

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Color

RGB(133, 208, 240)

Conversions

Conversions Part 1

Format	Color
Hex	85D0F0
RGB	133, 208, 240
RGB Percent	52%, 82%, 94%
CMY	0.4784, 0.1843, 0.0588
CMYK	0.45, 0.13, 0.00, 0.06
HSL	198°, 78%, 73%
HSV	198°, 45%, 94%
XYZ	47.9569, 56.3896, 90.7948
YIQ	189.2230, -54.9720, -5.9480

Conversions

Conversions Part 2

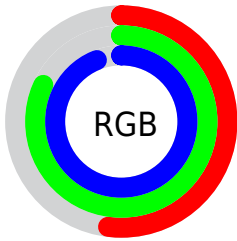
Format	Color
R _Y B	133, 177, 240
Decimal	8769776
CIE Lab	79.84, -15.03, -23.02
CIE LCh	80, 27.488, 236.855
Yxy	56.3896, 0.2458, 0.2890
Android (android.graphics.Color)	4286959856 (0xFF85D0F0)
YUV	189.2230, 25.0331, -49.3076
Hunter-Lab	75.0930, -17.4166, -19.1223

Details

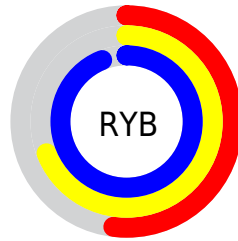
The RGB color **133, 208, 240** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **240, 165, 133**, and the grayscale version is **189, 189, 189**.

A 20% lighter version of the original color is **190, 255, 255**, and **75, 154, 184** is the 20% darker color. If you saturate the color by 10%, you get **109, 201, 240**, and if you desaturate by 10%, it is **157, 215, 240**.

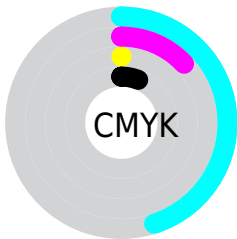
Distribution



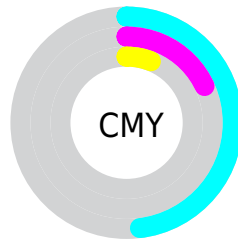
- Red (52%)
- Green (82%)
- Blue (94%)



- Red (52%)
- Yellow (69%)
- Blue (94%)



- Cyan (45%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)



- Cyan (48%)
- Magenta (18%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the RGB color 133, 208, 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 133, 208, 240 by changing the saturation by 10% instead.


 133, 208, 240

 133, 208, 240


255, 255, 255

 104, 180, 212

 190, 255, 255

 75, 154, 184

 220, 255, 255

 43, 128, 157

 249, 255, 255

 0, 102, 131

 0, 78, 106

 0, 55, 81

 0, 34, 58

 0, 2, 37

 0, 1, 13

■ 133, 208, 240

■ 133, 208, 240

■ 109, 201, 240

■ 157, 215, 240

■ 85, 194, 240

■ 181, 222, 240

■ 61, 186, 240

■ 205, 230, 240

■ 37, 179, 240

■ 229, 237, 240

■ 13, 172, 240

■ 253, 244, 240

■ 0, 168, 240

■ 255, 251, 240

■ 255, 255, 240

Harmonies

Analogous

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



123, 212, 220



133, 208, 240



163, 201, 249

Triad

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



133, 208, 240



246, 180, 202



192, 203, 152

Complementary

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



133, 208, 240



240, 165, 133

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.



219, 195, 147



133, 208, 240



250, 181, 176

Square

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



133, 208, 240



228, 184, 226



240, 187, 156



163, 209, 169

Rectangle

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



133, 208, 240



187, 195, 247



240, 187, 156



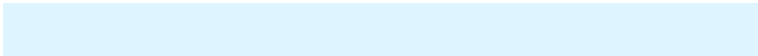
202, 201, 149

Sweetspot

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



133, 208, 240



222, 245, 255



133, 240, 163



107, 121, 128



0, 0, 0



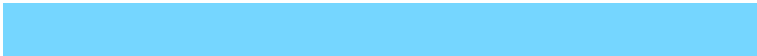
128, 128, 128

Same Dimension

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



133, 208, 240



117, 214, 255



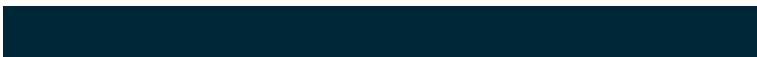
133, 156, 240



108, 116, 120



0, 129, 184



0, 39, 56

Inverse Universe

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



240, 133, 208



255, 117, 214



240, 217, 133



120, 108, 116



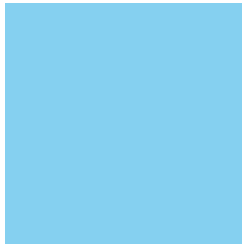
184, 0, 129



56, 0, 39

Previews

White Background



This preview shows how the RGB color 133, 208, 240 looks on a white background.

Color Contrast Check

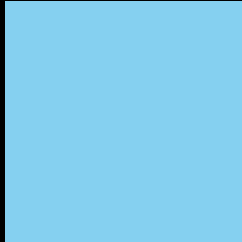
Large Text (above 18pt) WCAG AA × Fail

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 133, 208, 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 133, 208, 240 Background



This preview shows how black text looks on a background with the RGB color 133, 208, 240.

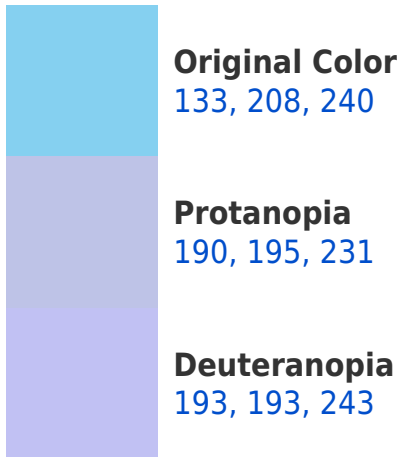


This preview shows how white text looks on a background with the RGB color 133, 208, 240.

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





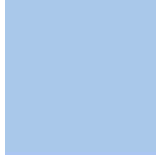
Tritanopia
129, 210, 227

Trichromacy



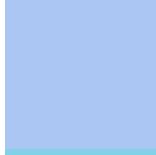
Original Color

133, 208, 240



Protanomaly

169, 200, 234



Deuteranomaly

171, 198, 242



Tritanomaly

130, 209, 232

Monochromacy



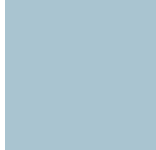
Original Color

133, 208, 240



Achromatopsia

189, 189, 189



Achromatomaly

169, 196, 208

CSS Examples

Text

The CSS property to change the color of the text to RGB 133, 208, 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(133, 208, 240)` looks like.

```
.text, #text, p{  
    color:rgb(133, 208, 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(133, 208, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 208, 240) }
```

Border

The CSS property to change the border of an element to RGB 133, 208, 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(133, 208, 240) }
```

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

```
.border{ border-color:rgb(133, 208, 240) }
```

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

Here you see how a box with a 4 pixel rgb(133, 208, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 208, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 208, 240);  
box-shadow:4px 4px 4px 4px rgb(133, 208,  
240) }
```

Background

The CSS property to change the background color of an element to RGB 133, 208, 240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 208, 240) }
```

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

```
.background{ background-color: rgb(133,  
208, 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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