

Converting Colors

CIELCh(78, 30.399, 252.030)

Have a look what the booklet for
CIELCh(78, 30.399, 252.030)
contains.

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Color

CIELCh(78, 30.539, 252.886)

Conversions

Conversions Part 1

Format	Color
Hex	86C8F6
RGB	134, 200, 246
RGB Percent	53%, 78%, 96%
CMY	0.4733, 0.2145, 0.0341
CMYK	0.45, 0.19, 0.00, 0.03
HSL	205°, 87%, 75%
HSV	205°, 45%, 97%
XYZ	47.2851, 53.2120, 95.2168
YIQ	185.5100, -54.1020, 0.3140

Conversions

Conversions Part 2

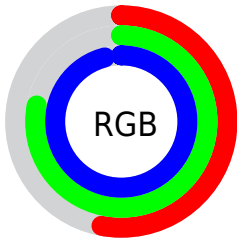
Format	Color
RYB	134, 176, 246
Decimal	8833270
CIELab	78.00, -8.99, -29.19
CIELCh	78, 30.539, 252.886
Yxy	53.2120, 0.2416, 0.2719
Android (android.graphics.Color)	4287023350 (0xFF86C8F6)
YUV	185.5100, 29.8216, -45.1743
Hunter-Lab	72.9466, -11.9500, -26.3284

Details

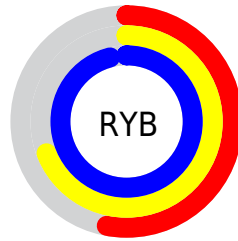
The CIELCh color **78, 30.539, 252.886** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79, 37.728, 60.532**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 20.509, 198.155**, and **58, 30.783, 253.379** is the 20% darker color. If you saturate the color by 10%, you get **74, 36.409, 255.690**, and if you desaturate by 10%, it is **82, 24.316, 250.573**.

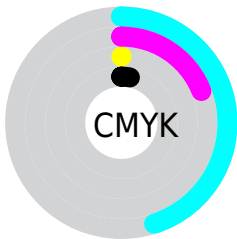
Distribution



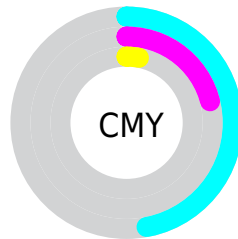
- Red (53%)
- Green (78%)
- Blue (96%)



- Red (53%)
- Yellow (69%)
- Blue (96%)



- Cyan (45%)
- Magenta (19%)
- Yellow (0%)
- Black (3%)



- Cyan (47%)
- Magenta (21%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 30.539, 252.886 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 CIELCh color 78, 30.539, 252.886 by changing the saturation by 10% instead.

■ 78, 30.539,
252.886

■ 78, 30.539,
252.886

■ 100, 30.539,
252.886

■ 68, 30.539,
252.886

■ 98, 30.539,
252.886

■ 58, 30.539,
252.886

■ 48, 30.539,
252.886

■ 38, 30.539,
252.886

■ 28, 30.539,
252.886

■ 18, 30.539,
252.886

■ 8, 30.539, 252.886

0, 30.539, 252.886

78, 30.539,
252.886

78, 30.539,
252.886

74, 36.409,
255.690

82, 24.316,
250.573

70, 41.931,
259.057

86, 17.774,
248.679

67, 47.154,
263.023

90, 10.961,
247.135

63, 52.191,
267.558

95, 3.929, 245.932

60, 57.211,
272.529

99, 2.724, 77.746

59, 59.551,
274.785

100, 4.395,
109.832

Harmonies

Complementary

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



78, 30.539, 252.886



79, 37.728, 60.532

Rectangle

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



78, 30.539, 252.886



78, 30.539, 302.886



78, 30.539, 72.886



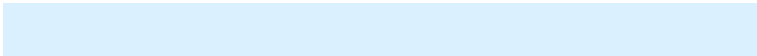
78, 30.539, 122.886

Sweetspot

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



78, 30.538, 252.885



94, 10.221, 246.938



89, 51.842, 154.174



49, 7.035, 247.235



0, 0.000, 0.000



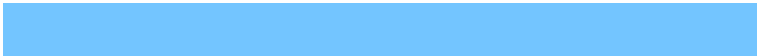
53, 0.007, 296.813

Same Dimension

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



78, 30.538, 252.885



77, 37.162, 255.576



63, 56.194, 292.717



49, 4.038, 246.364



45, 47.562, 273.843



13, 18.990, 265.920

Inverse Universe

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



70, 52.870, 343.321



68, 64.518, 344.541



92, 50.937, 100.911



48, 6.562, 339.832



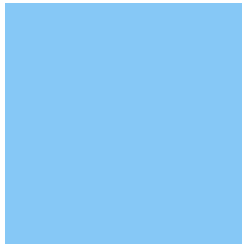
41, 68.661, 353.853



9, 31.333, 349.275

Previews

White Background



This preview shows how the CIELCh color 78, 30.539, 252.886 looks on a white background.

Color Contrast Check

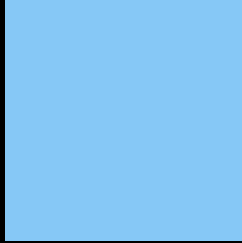
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 78, 30.539, 252.886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

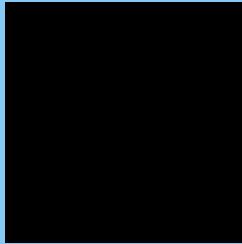
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

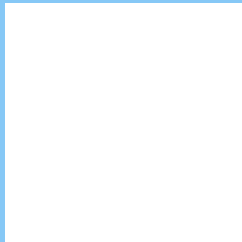
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 30.539, 252.886

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.539, 252.886.



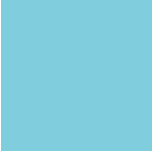
This preview shows how white text looks on a background with the CIELCh color 78, 30.539, 252.886.

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](#).

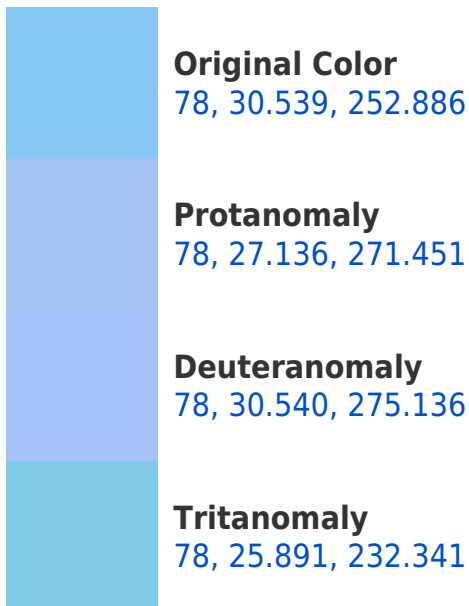
Dichromacy



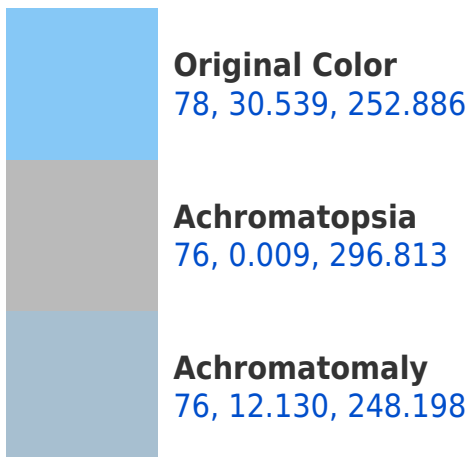


Tritanopia
78, 25.226, 217.846

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.539, 252.886 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(134, 200, 246)` looks like.

```
.text, #text, p{  
    color:rgb(134, 200, 246)  
}
```

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(134, 200, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 200, 246) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.539, 252.886 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(134, 200, 246) }
```

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

```
.border{ border-color:rgb(134, 200, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 200, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 200, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 200, 246);  
box-shadow:4px 4px 4px 4px rgb(134, 200,  
246) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.539, 252.886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 200, 246) }
```

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

```
.background{ background-color: rgb(134,  
200, 246) }
```

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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