

Converting Colors

CIELCh(73, 30.999, 246.098)

Have a look what the booklet for
CIELCh(73, 30.999, 246.098)
contains.

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Color

CIELCh(73, 31.000, 246.099)

Conversions

Conversions Part 1

Format	Color
Hex	6EBCE6
RGB	110, 188, 230
RGB Percent	43%, 74%, 90%
CMY	0.5673, 0.2615, 0.0968
CMYK	0.52, 0.18, 0.00, 0.10
HSL	201°, 71%, 67%
HSV	201°, 52%, 90%
XYZ	38.8476, 45.1644, 81.7673
YIQ	169.4660, -59.9700, -3.4740

Conversions

Conversions Part 2

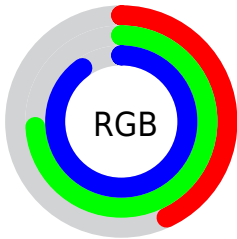
Format	Color
R _{YB}	110, 157, 230
Decimal	7257318
CIE Lab	73.00, -12.56, -28.34
CIE LCh	73, 31.000, 246.099
Yxy	45.1644, 0.2343, 0.2724
Android (android.graphics.Color)	4285447398 (0xFF6EBCE6)
YUV	169.4660, 29.8433, -52.1517
Hunter-Lab	67.2044, -14.4258, -25.0947

Details

The CIELCh color **73, 31.000, 246.099** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70, 42.072, 53.870**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 24.256, 211.660**, and **53, 30.865, 245.456** is the 20% darker color. If you saturate the color by 10%, you get **70, 35.661, 249.027**, and if you desaturate by 10%, it is **76, 25.856, 243.717**.

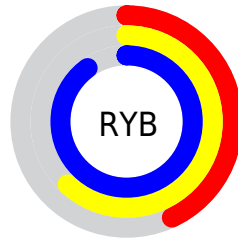
Distribution



Red (43%)

Green (74%)

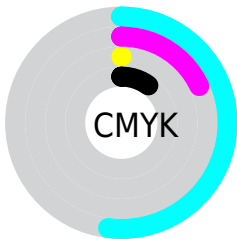
Blue (90%)



Red (43%)

Yellow (62%)

Blue (90%)

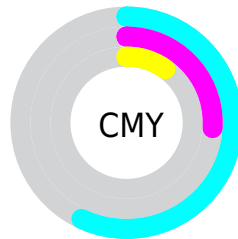


Cyan (52%)

Magenta (18%)

Yellow (0%)

Black (10%)



Cyan (57%)

Magenta (26%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 31.000, 246.099 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 73, 31.000, 246.099 by changing the saturation by 10% instead.

■ 73, 31.000,
246.099

■ 73, 31.000,
246.099

■ 100, 31.000,
246.099

■ 63, 31.000,
246.099

■ 93, 31.000,
246.099

■ 53, 31.000,
246.099

■ 43, 31.000,
246.099

■ 33, 31.000,
246.099

■ 23, 31.000,
246.099

■ 13, 31.000,
246.099

■ 3, 31.000, 246.099

0, 31.000, 246.099

73, 31.000,
246.099

73, 31.000,
246.099

70, 35.661,
249.027

76, 25.856,
243.717

67, 39.851,
252.579

80, 20.265,
241.797

64, 43.640,
256.790

83, 14.283,
240.257

61, 47.170,
261.614

87, 7.976, 239.038

59, 49.943,
265.662

91, 1.409, 238.340

94, 5.359, 57.047

97, 8.224, 82.750

■ 99, 11.428,
105.349

■ 99, 12.491,
109.233

Harmonies

Complementary

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



73, 31.000, 246.099



70, 42.072, 53.870

Rectangle

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



73, 31.000, 246.099



73, 31.000, 296.099



73, 31.000, 66.099



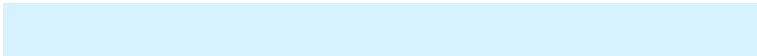
73, 31.000, 116.099

Sweetspot

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



73, 30.999, 246.098



94, 11.373, 239.488



83, 58.001, 151.190



49, 7.647, 239.741



0, 0.000, 0.000



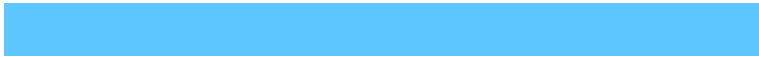
53, 0.007, 296.813

Same Dimension

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



73, 30.999, 246.098



76, 39.111, 249.438



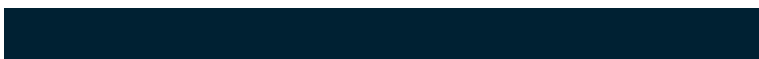
57, 58.093, 291.876



46, 3.752, 238.768



47, 40.823, 264.724



12, 15.612, 255.263

Inverse Universe

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



63, 58.833, 340.879



65, 74.558, 342.231



85, 52.552, 97.330



45, 6.495, 337.032



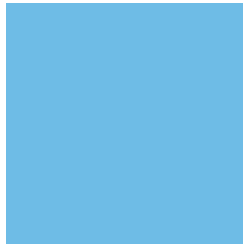
39, 68.586, 348.676



7, 29.643, 344.568

Previews

White Background



This preview shows how the CIELCh color 73, 31.000, 246.099 looks on a white background.

Color Contrast Check

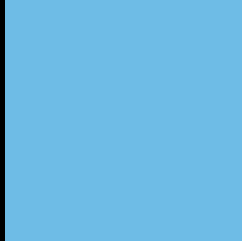
Large Text (above 18pt) WCAG AA × Fail

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 73, 31.000, 246.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

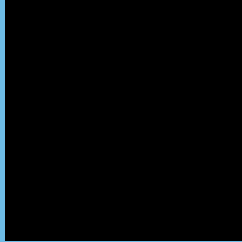
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

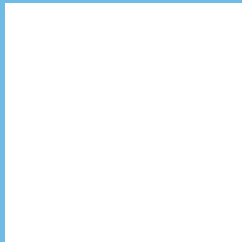
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 31.000, 246.099

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.000, 246.099.

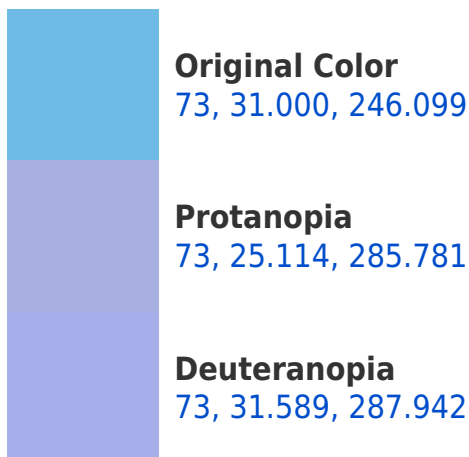


This preview shows how white text looks on a background with the CIELCh color 73, 31.000, 246.099.

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



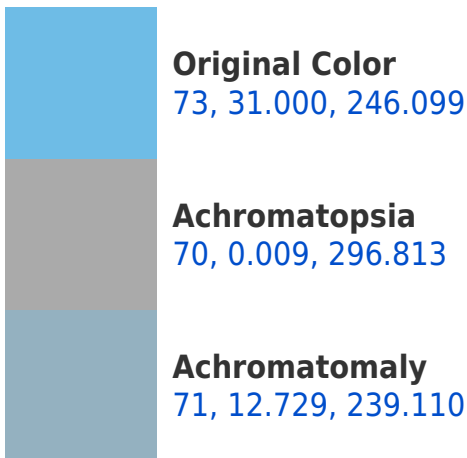


Tritanopia
73, 27.861, 215.886

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.000, 246.099 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(110, 188, 230)` looks like.

```
.text, #text, p{  
    color:rgb(110, 188, 230)  
}
```

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(110, 188, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 188, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.000, 246.099 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(110, 188, 230) }
```

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

```
.border{ border-color:rgb(110, 188, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 188, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 188, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 188, 230);  
box-shadow:4px 4px 4px 4px rgb(110, 188,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.000, 246.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 188, 230) }
```

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

```
.background{ background-color: rgb(110,  
188, 230) }
```

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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