

Converting Colors

CIELCh(73, 31.804, 244.269)

Have a look what the booklet for
CIELCh(73, 31.804, 244.269)
contains.

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Color

CIELCh(73, 31.891, 244.261)

Conversions

Conversions Part 1

Format	Color
Hex	69BDE7
RGB	105, 189, 231
RGB Percent	41%, 74%, 91%
CMY	0.5882, 0.2588, 0.0941
CMYK	0.55, 0.18, 0.00, 0.09
HSL	200°, 72%, 66%
HSV	200°, 55%, 91%
XYZ	38.4440, 45.1644, 82.2881
YIQ	168.6720, -63.5460, -4.7460

Conversions

Conversions Part 2

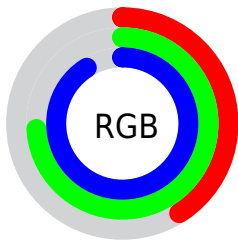
Format	Color
RYB	105, 155, 231
Decimal	6929895
CIELab	73.00, -13.85, -28.73
CIELCh	73, 31.891, 244.261
Yxy	45.1644, 0.2317, 0.2722
Android (android.graphics.Color)	4285119975 (0xFF69BDE7)
YUV	168.6720, 30.7277, -55.8403
Hunter-Lab	67.2044, -15.4978, -25.5542

Details

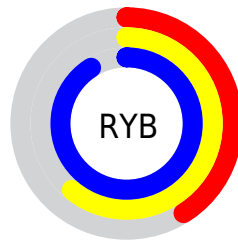
The CIELCh color **73, 31.891, 244.261** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69, 44.727, 52.113**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 25.522, 209.681**, and **53, 31.778, 243.551** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.271, 247.245**, and if you desaturate by 10%, it is **76, 26.983, 241.842**.

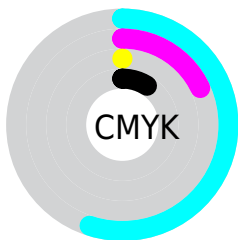
Distribution



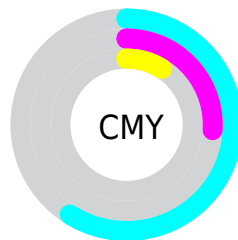
- Red (41%)
- Green (74%)
- Blue (91%)



- Red (41%)
- Yellow (61%)
- Blue (91%)



- Cyan (55%)
- Magenta (18%)
- Yellow (0%)
- Black (9%)





- Cyan (59%)
- Magenta (26%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 31.891, 244.261 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, 31.891, 244.261 by changing the saturation by 10% instead.


 73, 31.891,
244.261


 73, 31.891,
244.261


 100, 31.891,
244.261


 63, 31.891,
244.261


 93, 31.891,
244.261

 53, 31.891,
244.261

 43, 31.891,
244.261

 33, 31.891,
244.261

 23, 31.891,
244.261

 13, 31.891,
244.261

 3, 31.891, 244.261

0, 31.891, 244.261

73, 31.891,
244.261

73, 31.891,
244.261

70, 36.271,
247.245

76, 26.983,
241.842

67, 40.142,
250.872

79, 21.581,
239.901

64, 43.587,
255.172

83, 15.743,
238.354

62, 46.764,
260.089

86, 9.539, 237.132

61, 48.498,
262.879

90, 3.039, 236.257

94, 3.691, 55.132

96, 7.471, 73.745

■ 98, 10.066,
100.297

■ 99, 12.149,
109.259

Harmonies

Complementary

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



73, 31.891, 244.261



69, 44.727, 52.113

Rectangle

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



73, 31.891, 244.261



73, 31.891, 294.261



73, 31.891, 64.261



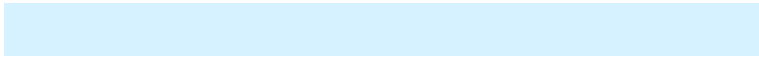
73, 31.891, 114.261

Sweetspot

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



73, 31.890, 244.260



94, 11.333, 237.300



83, 62.256, 149.530



49, 7.618, 237.538



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, 31.890, 244.260



76, 39.443, 247.513



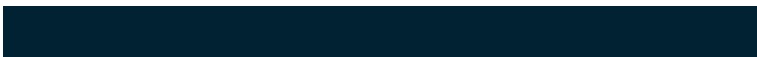
56, 58.706, 290.830



46, 3.743, 236.627



48, 39.588, 261.930



12, 15.287, 252.543

Inverse Universe

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



62, 62.012, 340.297



64, 77.048, 341.574



83, 53.509, 94.939



45, 6.573, 336.300



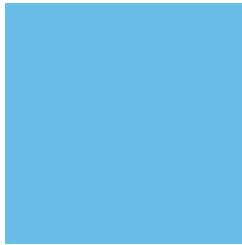
39, 69.243, 347.351



7, 29.930, 343.539

Previews

White Background



This preview shows how the CIE LCh color 73, 31.891, 244.261 looks on a white background.

Color Contrast Check

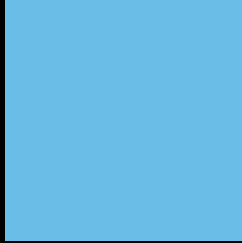
Large Text (above 18pt) WCAG AA × Fail

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, 31.891, 244.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

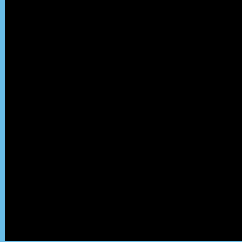
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

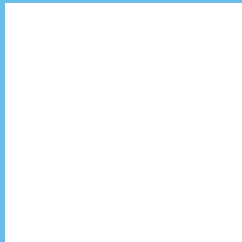
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 73, 31.891, 244.261

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.891, 244.261.

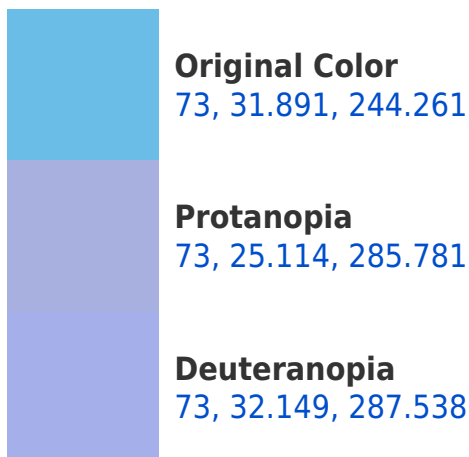


This preview shows how white text looks on a background with the CIELCh color 73, 31.891, 244.261.

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](#).

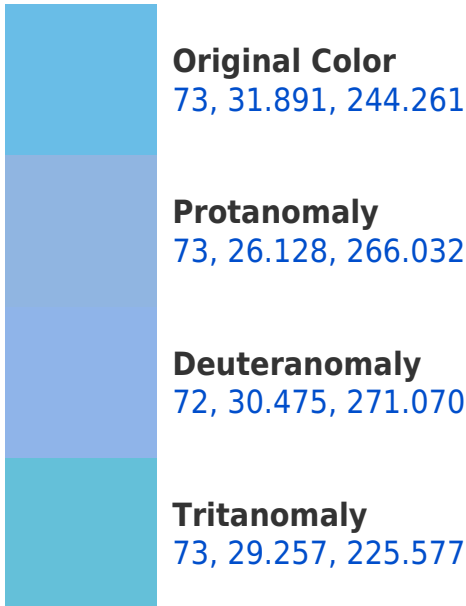
Dichromacy



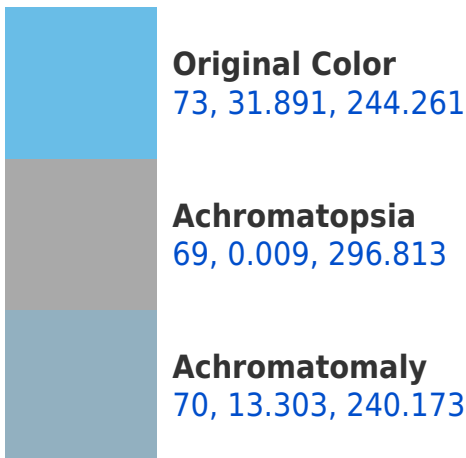


Tritanopia
73, 29.111, 214.980

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.891, 244.261 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(105, 189, 231)` looks like.

```
.text, #text, p{  
    color:rgb(105, 189, 231)  
}
```

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(105, 189, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 189, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.891, 244.261 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(105, 189, 231) }
```

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

```
.border{ border-color:rgb(105, 189, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 189, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 189, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 189, 231);  
box-shadow:4px 4px 4px 4px rgb(105, 189,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.891, 244.261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 189, 231) }
```

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

```
.background{ background-color: rgb(105,  
189, 231) }
```

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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