

Converting Colors

CIELCh(74, 31.099, 241.123)

Have a look what the booklet for
CIELCh(74, 31.099, 241.123)
contains.

CIELCh(74, 31.154, 241.184)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 31.154, 241.184)

Conversions

Conversions Part 1

Format	Color
Hex	6BC0E7
RGB	107, 192, 231
RGB Percent	42%, 75%, 91%
CMY	0.5796, 0.2463, 0.0933
CMYK	0.54, 0.17, 0.00, 0.09
HSL	199°, 72%, 66%
HSV	199°, 54%, 91%
XYZ	39.4328, 46.7039, 82.6866
YIQ	171.0310, -63.1790, -5.8910

Conversions

Conversions Part 2

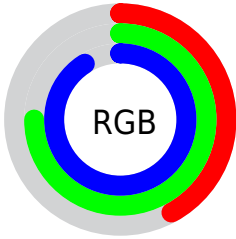
Format	Color
RYB	107, 157, 231
Decimal	7061735
CIELab	74.00, -15.02, -27.30
CIELCh	74, 31.154, 241.184
Yxy	46.7039, 0.2336, 0.2766
Android (android.graphics.Color)	4285251815 (0xFF6BC0E7)
YUV	171.0310, 29.5647, -56.1552
Hunter-Lab	68.3403, -16.5998, -23.8982

Details

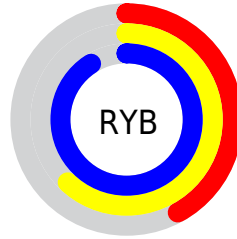
The CIELCh color **74, 31.154, 241.184** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69, 44.115, 50.356**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 25.728, 205.995**, and **54, 31.104, 241.596** is the 20% darker color. If you saturate the color by 10%, you get **71, 35.413, 243.992**, and if you desaturate by 10%, it is **77, 26.324, 238.926**.

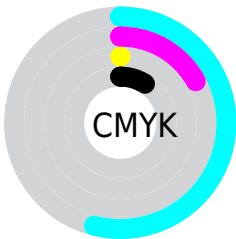
Distribution



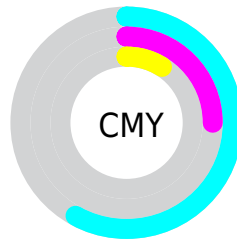
- Red (42%)
- Green (75%)
- Blue (91%)



- Red (42%)
- Yellow (62%)
- Blue (91%)



- Cyan (54%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)





- Cyan (58%)
- Magenta (25%)
- Yellow (9%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 31.154, 241.184 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 74, 31.154, 241.184 by changing the saturation by 10% instead.


 74, 31.154,
241.184

 74, 31.154,
241.184


 100, 31.154,
241.184


 64, 31.154,
241.184


 94, 31.154,
241.184

 54, 31.154,
241.184

 44, 31.154,
241.184

 34, 31.154,
241.184

 24, 31.154,
241.184

 14, 31.154,
241.184

 4, 31.154, 241.184

■ 0, 31.154, 241.184

■ 74, 31.154,
241.184

■ 74, 31.154,
241.184

■ 71, 35.413,
243.992

■ 77, 26.324,
238.926

■ 68, 39.106,
247.438

■ 80, 20.966,
237.129

■ 66, 42.303,
251.569

■ 84, 15.148,
235.709

■ 63, 45.153,
256.358

■ 87, 8.944, 234.602

■ 62, 46.927,
259.596

■ 90, 2.431, 233.871

■ 94, 4.324, 52.802

■ 96, 7.427, 74.256

■ 98, 9.870, 99.682

■ 99, 12.045,
109.267

Harmonies

Complementary

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



74, 31.154, 241.184



69, 44.115, 50.356

Rectangle

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



74, 31.154, 241.184



74, 31.154, 291.184



74, 31.154, 61.184



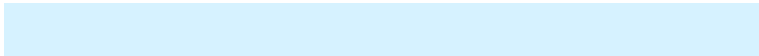
74, 31.154, 111.184

Sweetspot

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



74, 31.153, 241.183



94, 11.308, 234.847



83, 62.172, 149.027



49, 7.599, 235.067



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 31.153, 241.183



78, 38.441, 244.217



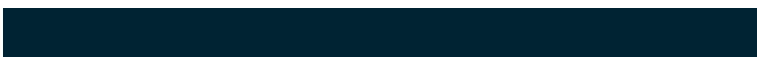
57, 56.433, 289.731



46, 3.738, 234.228



49, 38.322, 258.649



12, 14.964, 249.406

Inverse Universe

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



63, 61.893, 339.270



64, 77.083, 340.451



83, 51.996, 93.951



45, 6.662, 335.505



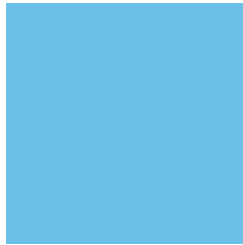
39, 70.024, 345.916



7, 30.263, 342.423

Previews

White Background



This preview shows how the CIELCh color 74, 31.154, 241.184 looks on a white background.

Color Contrast Check

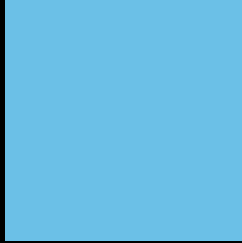
Large Text (above 18pt) WCAG AA × Fail

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 74, 31.154, 241.184 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 74, 31.154, 241.184

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.154, 241.184.

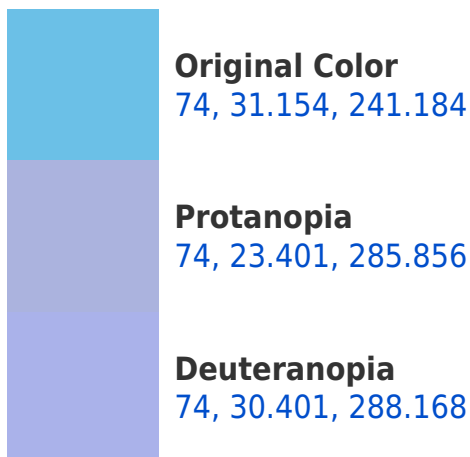


This preview shows how white text looks on a background with the CIELCh color 74, 31.154, 241.184.

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
74, 29.103, 213.807

Trichromacy



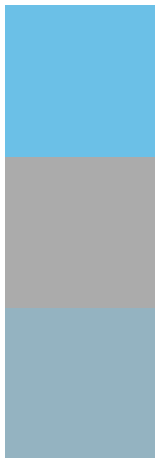
Original Color
74, 31.154, 241.184

Protanomaly
74, 24.549, 264.532

Deuteranomaly
74, 28.845, 269.982

Tritanomaly
74, 29.006, 223.312

Monochromacy



Original Color
74, 31.154, 241.184

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 12.922, 235.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.154, 241.184 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(107, 192, 231)` looks like.

```
.text, #text, p{  
    color:rgb(107, 192, 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(107, 192, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 192, 231) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.154, 241.184 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(107, 192, 231) }
```

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

```
.border{ border-color:rgb(107, 192, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 192, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 192, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 192, 231);  
box-shadow:4px 4px 4px 4px rgb(107, 192,  
231) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.154, 241.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 192, 231) }
```

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

```
.background{ background-color: rgb(107,  
192, 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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