

Converting Colors

CIELCh(74, 34.090, 244.203)

Have a look what the booklet for
CIELCh(74, 34.090, 244.203)
contains.

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Color

CIELCh(74, 34.090, 244.203)

Conversions

Conversions Part 1

Format	Color
Hex	63C0ED
RGB	99, 192, 237
RGB Percent	39%, 75%, 93%
CMY	0.6099, 0.2454, 0.0689
CMYK	0.58, 0.19, 0.00, 0.07
HSL	200°, 80%, 66%
HSV	200°, 58%, 93%
XYZ	39.4902, 46.7039, 87.3903
YIQ	169.3230, -69.8730, -5.7210

Conversions

Conversions Part 2

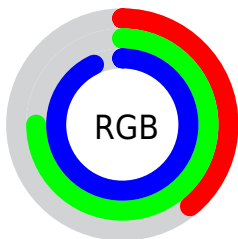
Format	Color
RYB	99, 155, 237
Decimal	6537453
CIELab	74.00, -14.84, -30.69
CIELCh	74, 34.090, 244.203
Yxy	46.7039, 0.2275, 0.2691
Android (android.graphics.Color)	4284727533 (0xFF63C0ED)
YUV	169.3230, 33.3648, -61.6733
Hunter-Lab	68.3403, -16.4500, -27.9790

Details

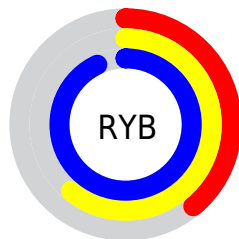
The CIELCh color **74, 34.090, 244.203** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69, 49.450, 51.308**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 27.551, 205.347**, and **54, 34.012, 243.658** is the 20% darker color. If you saturate the color by 10%, you get **71, 38.296, 247.376**, and if you desaturate by 10%, it is **77, 29.324, 241.626**.

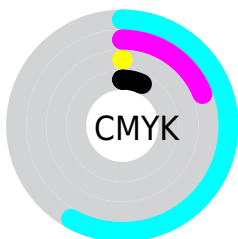
Distribution



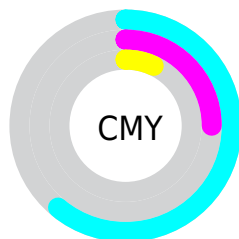
- Red (39%)
- Green (75%)
- Blue (93%)



- Red (39%)
- Yellow (61%)
- Blue (93%)



- Cyan (58%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)





- Cyan (61%)
- Magenta (25%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 34.090, 244.203 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, 34.090, 244.203 by changing the saturation by 10% instead.

 74, 34.090,
244.203

 74, 34.090,
244.203


 100, 34.090,
244.203


 64, 34.090,
244.203


 94, 34.090,
244.203

 54, 34.090,
244.203

 44, 34.090,
244.203

 34, 34.090,
244.203

 24, 34.090,
244.203

 14, 34.090,
244.203

 4, 34.090, 244.203

0, 34.090, 244.203

74, 34.090,
244.203

74, 34.090,
244.203

71, 38.296,
247.376

77, 29.324,
241.626

68, 41.982,
251.216

80, 24.020,
239.559

66, 45.259,
255.731

84, 18.233,
237.912

63, 48.329,
260.799

87, 12.035,
236.610

63, 48.929,
261.757

91, 5.499, 235.615

95, 1.304, 54.247

98, 5.543, 77.140

99, 8.593, 108.104

100, 8.889,
109.503

Harmonies

Complementary

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



74, 34.090, 244.203



69, 49.450, 51.308

Rectangle

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



74, 34.090, 244.203



74, 34.090, 294.203



74, 34.090, 64.203



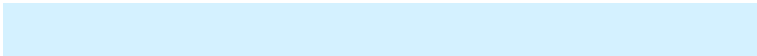
74, 34.090, 114.203

Sweetspot

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



74, 34.089, 244.202



93, 12.003, 236.493



85, 67.327, 148.998



49, 7.992, 236.724



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, 34.089, 244.202



75, 41.309, 248.151



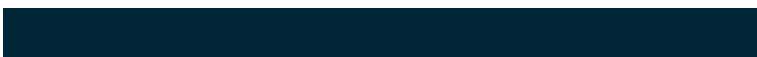
56, 64.365, 291.766



48, 3.876, 235.732



49, 39.972, 260.835



14, 16.229, 252.461

Inverse Universe

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



62, 67.108, 340.345



62, 81.296, 341.849



85, 58.010, 94.493



47, 6.847, 336.003



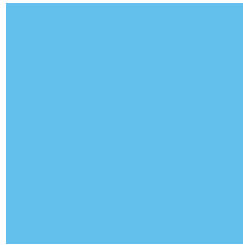
41, 70.972, 346.859



9, 31.880, 343.496

Previews

White Background



This preview shows how the CIE LCh color 74, 34.090, 244.203 looks on a white background.

Color Contrast Check

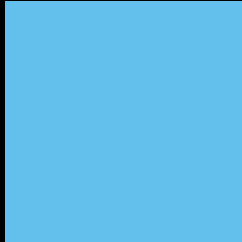
Large Text (above 18pt) WCAG AA × Fail

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, 34.090, 244.203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

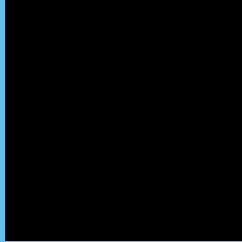
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

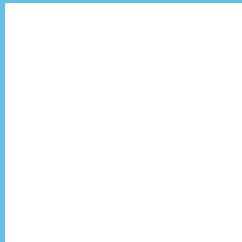
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 34.090, 244.203

Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.090, 244.203.

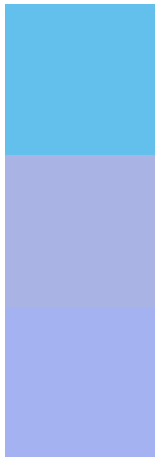


This preview shows how white text looks on a background with the CIELCh color 74, 34.090, 244.203.

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



Original Color

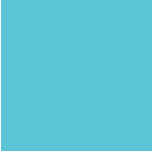
74, 34.090, 244.203

Protanopia

74, 26.673, 285.653

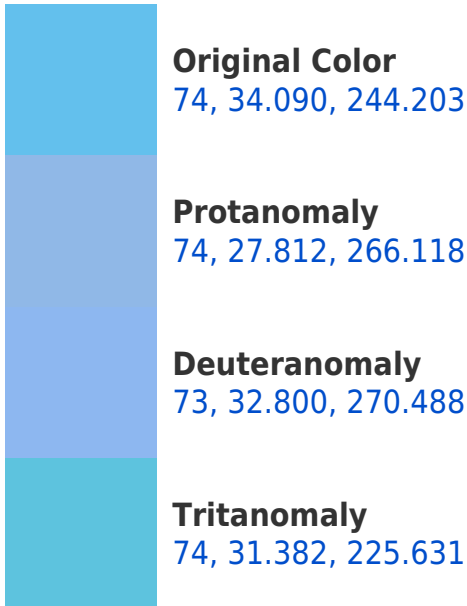
Deuteranopia

74, 34.265, 286.553

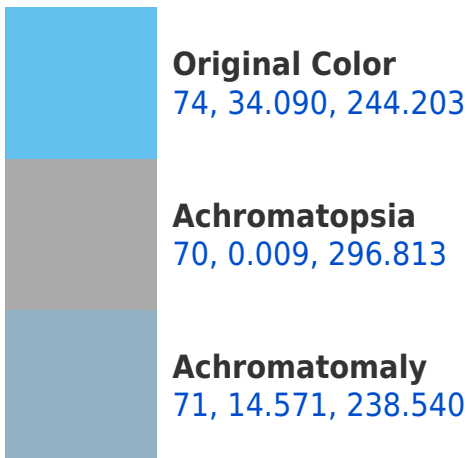


Tritanopia
74, 31.486, 213.427

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 34.090, 244.203 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(99, 192, 237)` looks like.

```
.text, #text, p{  
    color:rgb(99, 192, 237)  
}
```

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(99, 192, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 192, 237) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 34.090, 244.203 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(99, 192, 237) }
```

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

```
.border{ border-color:rgb(99, 192, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 192, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 192, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 192, 237);  
box-shadow:4px 4px 4px 4px rgb(99, 192,  
237) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 34.090, 244.203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 192, 237) }
```

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

```
.background{ background-color: rgb(99, 192,  
237) }
```

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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