

Converting Colors

CIELCh(74, 31.853, 249.535)

Have a look what the booklet for
CIELCh(74, 31.853, 249.535)
contains.

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Color

CIELCh(74, 31.924, 250.207)

Conversions

Conversions Part 1

Format	Color
Hex	73BEEC
RGB	115, 190, 236
RGB Percent	45%, 75%, 93%
CMY	0.5477, 0.2537, 0.0732
CMYK	0.51, 0.19, 0.00, 0.07
HSL	203°, 76%, 69%
HSV	203°, 51%, 93%
XYZ	40.7821, 46.7039, 86.4702
YIQ	172.8190, -59.4660, -1.5940

Conversions

Conversions Part 2

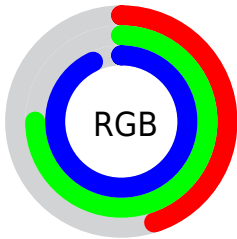
Format	Color
RYB	115, 161, 236
Decimal	7585516
CIELab	74.00, -10.81, -30.04
CIELCh	74, 31.924, 250.207
Yxy	46.7039, 0.2344, 0.2685
Android (android.graphics.Color)	4285775596 (0xFF73BEEC)
YUV	172.8190, 31.1482, -50.7073
Hunter-Lab	68.3403, -13.0754, -27.1807

Details

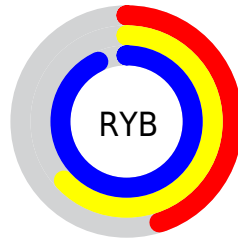
The CIELCh color **74, 31.924, 250.207** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **73, 41.887, 56.928**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 23.355, 209.589**, and **54, 31.874, 249.766** is the 20% darker color. If you saturate the color by 10%, you get **71, 37.046, 253.223**, and if you desaturate by 10%, it is **78, 26.383, 247.731**.

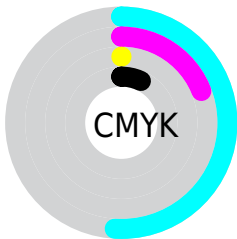
Distribution



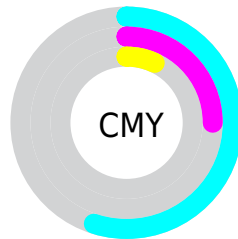
- Red (45%)
- Green (75%)
- Blue (93%)



- Red (45%)
- Yellow (63%)
- Blue (93%)



- Cyan (51%)
- Magenta (19%)
- Yellow (0%)
- Black (7%)





- Cyan (55%)
- Magenta (25%)
- Yellow (7%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 31.924, 250.207 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, 31.924, 250.207 by changing the saturation by 10% instead.


 74, 31.924,
250.207

 74, 31.924,
250.207


 100, 31.924,
250.207


 64, 31.924,
250.207


 94, 31.924,
250.207

 54, 31.924,
250.207

 44, 31.924,
250.207

 34, 31.924,
250.207

 24, 31.924,
250.207

 14, 31.924,
250.207

 4, 31.924, 250.207

0, 31.924, 250.207

74, 31.924,
250.207

74, 31.924,
250.207

71, 37.046,
253.223

78, 26.383,
247.731

67, 41.767,
256.846

81, 20.451,
245.715

64, 46.162,
261.098

85, 14.176,
244.082

61, 50.374,
265.917

89, 7.616, 242.775

59, 54.111,
270.402

93, 0.831, 242.236

97, 5.566, 65.847

99, 8.583, 105.267

100, 9.453,
109.461

Harmonies

Complementary

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



74, 31.924, 250.207



73, 41.887, 56.928

Rectangle

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



74, 31.924, 250.207



74, 31.924, 300.207



74, 31.924, 70.207



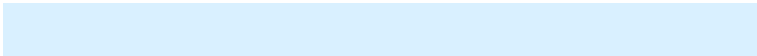
74, 31.924, 120.207

Sweetspot

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



74, 31.923, 250.206



94, 10.785, 243.243



85, 57.500, 151.989



49, 7.331, 243.520



0, 0.000, 0.000



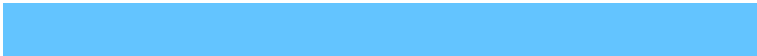
53, 0.007, 296.813

Same Dimension

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



74, 31.923, 250.206



76, 39.269, 253.241



58, 59.420, 292.465



47, 3.852, 242.581



46, 43.754, 269.453



12, 16.883, 260.501

Inverse Universe

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



65, 58.058, 342.355



65, 71.465, 343.642



87, 53.535, 98.419



46, 6.474, 338.393



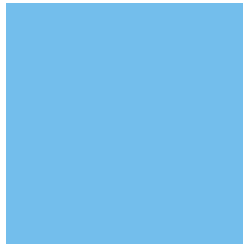
40, 68.218, 351.175



8, 30.112, 346.711

Previews

White Background



This preview shows how the CIE LCh color 74, 31.924, 250.207 looks on a white background.

Color Contrast Check

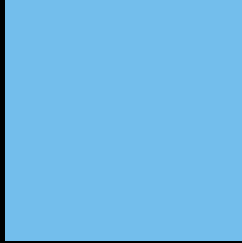
Large Text (above 18pt) WCAG AA × Fail

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, 31.924, 250.207 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

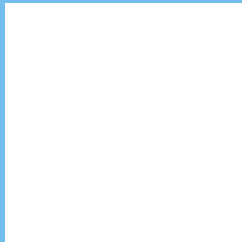
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 31.924, 250.207

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.924, 250.207.

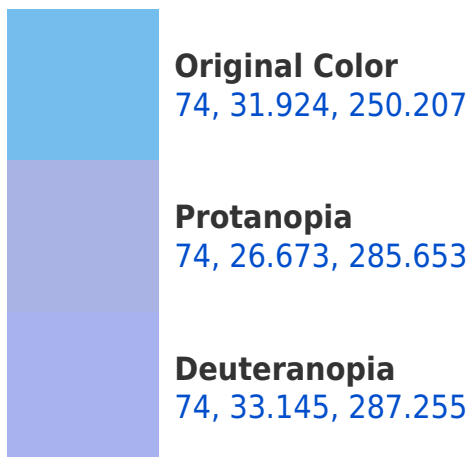


This preview shows how white text looks on a background with the CIELCh color 74, 31.924, 250.207.

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, 27.461, 216.148

Trichromacy



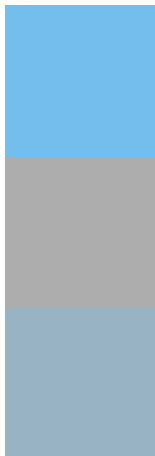
Original Color
74, 31.924, 250.207

Protanomaly
74, 27.677, 270.032

Deuteranomaly
73, 31.649, 273.838

Tritanomaly
74, 27.896, 229.777

Monochromacy



Original Color
74, 31.924, 250.207

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 12.910, 245.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.924, 250.207 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(115, 190, 236)` looks like.

```
.text, #text, p{  
    color:rgb(115, 190, 236)  
}
```

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(115, 190, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 190, 236) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.924, 250.207 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(115, 190, 236) }
```

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

```
.border{ border-color:rgb(115, 190, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 190, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 190, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 190, 236);  
box-shadow:4px 4px 4px 4px rgb(115, 190,  
236) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.924, 250.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 190, 236) }
```

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

```
.background{ background-color: rgb(115,  
190, 236) }
```

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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