

Converting Colors

CIELCh(74, 32.566, 241.966)

Have a look what the booklet for
CIELCh(74, 32.566, 241.966)
contains.

CIELCh(74, 32.630, 242.727)	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, 32.630, 242.727)

Conversions

Conversions Part 1

Format	Color
Hex	67C0EA
RGB	103, 192, 234
RGB Percent	40%, 75%, 92%
CMY	0.5947, 0.2458, 0.0810
CMYK	0.56, 0.18, 0.00, 0.08
HSL	199°, 76%, 66%
HSV	199°, 56%, 92%
XYZ	39.4531, 46.7039, 85.0281
YIQ	170.1770, -66.5260, -5.8060

Conversions

Conversions Part 2

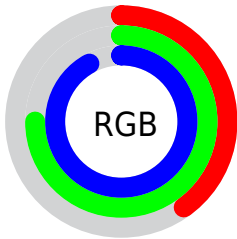
Format	Color
R _Y B	103, 156, 234
Decimal	6799594
CIE Lab	74.00, -14.95, -29.00
CIE LCh	74, 32.630, 242.727
Yxy	46.7039, 0.2305, 0.2728
Android (android.graphics.Color)	4284989674 (0xFF67C0EA)
YUV	170.1770, 31.4647, -58.9142
Hunter-Lab	68.3403, -16.5467, -25.9296

Details

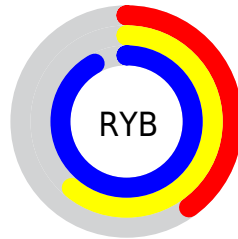
The CIELCh color **74, 32.630, 242.727** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **69, 46.777, 50.867**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 26.517, 205.705**, and **54, 32.512, 241.972** is the 20% darker color. If you saturate the color by 10%, you get **71, 36.860, 245.720**, and if you desaturate by 10%, it is **77, 27.833, 240.309**.

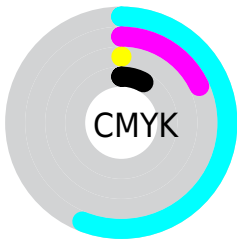
Distribution



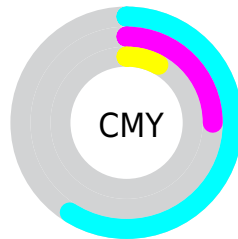
- Red (40%)
- Green (75%)
- Blue (92%)



- Red (40%)
- Yellow (61%)
- Blue (92%)



- Cyan (56%)
- Magenta (18%)
- Yellow (0%)
- Black (8%)





- Cyan (59%)
- Magenta (25%)
- Yellow (8%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 32.630, 242.727 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, 32.630, 242.727 by changing the saturation by 10% instead.

 74, 32.630,
242.727

 74, 32.630,
242.727


 100, 32.630,
242.727


 64, 32.630,
242.727


 94, 32.630,
242.727

 54, 32.630,
242.727

 44, 32.630,
242.727

 34, 32.630,
242.727

 24, 32.630,
242.727

 14, 32.630,
242.727

 4, 32.630, 242.727

■ 0, 32.630, 242.727

■ 74, 32.630,
242.727

■ 74, 32.630,
242.727

■ 71, 36.860,
245.720

■ 77, 27.833,
240.309

■ 68, 40.546,
249.367

■ 80, 22.502,
238.376

■ 66, 43.777,
253.699

■ 84, 16.700,
236.842

■ 63, 46.724,
258.653

■ 87, 10.498,
235.636

■ 62, 47.943,
260.741

■ 91, 3.973, 234.750

■ 94, 2.806, 53.636

■ 97, 6.486, 75.755

■ 99, 9.226, 103.772

■ 100, 10.461,
109.386

Harmonies

Complementary

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



74, 32.630, 242.727



69, 46.777, 50.867

Rectangle

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



74, 32.630, 242.727



74, 32.630, 292.727



74, 32.630, 62.727



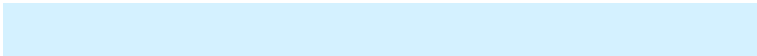
74, 32.630, 112.727

Sweetspot

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



74, 32.629, 242.726



94, 11.995, 235.764



84, 64.371, 149.329



49, 7.986, 235.990



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, 32.629, 242.726



76, 39.884, 246.195



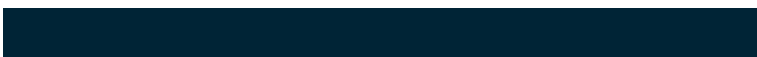
56, 61.012, 291.183



47, 3.807, 235.020



49, 39.157, 259.806



13, 15.595, 251.009

Inverse Universe

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



63, 64.544, 339.817



63, 79.289, 341.148



84, 55.380, 94.769



46, 6.754, 335.766



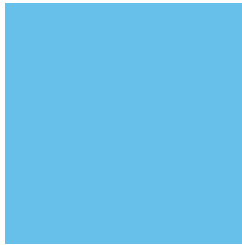
40, 70.485, 346.409



8, 31.102, 342.974

Previews

White Background



This preview shows how the CIE LCh color 74, 32.630, 242.727 looks on a white background.

Color Contrast Check

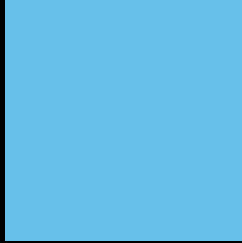
Large Text (above 18pt) WCAG AA × Fail

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, 32.630, 242.727 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

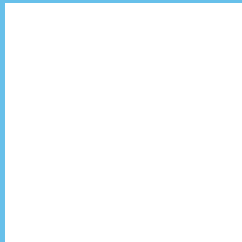
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 32.630, 242.727

Background



This preview shows how black text looks on a background with the CIELCh color 74, 32.630, 242.727.

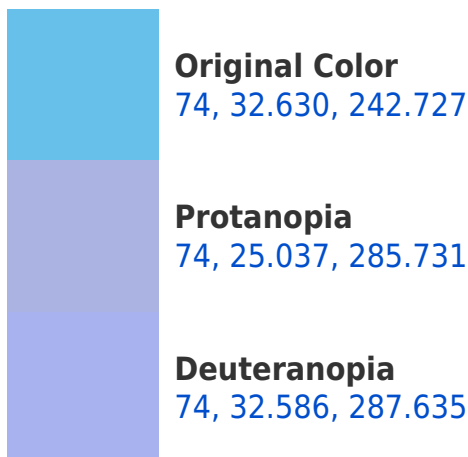


This preview shows how white text looks on a background with the CIELCh color 74, 32.630, 242.727.

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, 30.149, 214.259

Trichromacy



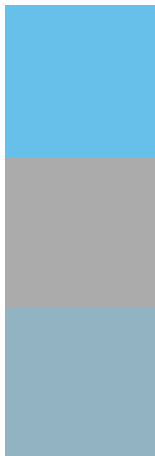
Original Color
74, 32.630, 242.727

Protanomaly
74, 26.183, 265.351

Deuteranomaly
73, 31.071, 270.458

Tritanomaly
74, 30.217, 224.487

Monochromacy



Original Color
74, 32.630, 242.727

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 13.721, 235.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 32.630, 242.727 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(103, 192, 234)` looks like.

```
.text, #text, p{  
    color:rgb(103, 192, 234)  
}
```

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(103, 192, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 192, 234) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 32.630, 242.727 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(103, 192, 234) }
```

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

```
.border{ border-color:rgb(103, 192, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 192, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 192, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 192, 234);  
box-shadow:4px 4px 4px 4px rgb(103, 192,  
234) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 32.630, 242.727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 192, 234) }
```

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

```
.background{ background-color: rgb(103,  
192, 234) }
```

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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