

Converting Colors

CIELCh(74, 30.706, 243.476)

Have a look what the booklet for
CIELCh(74, 30.706, 243.476)
contains.

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Color

CIELCh(74, 30.822, 243.226)

Conversions

Conversions Part 1

Format	Color
Hex	6FC0E8
RGB	111, 192, 232
RGB Percent	44%, 75%, 91%
CMY	0.5662, 0.2484, 0.0916
CMYK	0.52, 0.17, 0.00, 0.09
HSL	200°, 72%, 67%
HSV	200°, 52%, 91%
XYZ	39.7929, 46.7039, 82.9878
YIQ	172.3410, -61.1160, -4.7320

Conversions

Conversions Part 2

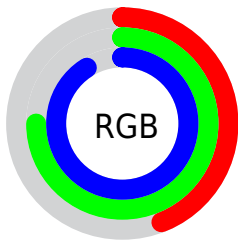
Format	Color
R_{YB}	111, 160, 232
Decimal	7323880
CIE _{Lab}	74.00, -13.88, -27.52
CIE _{LCh}	74, 30.822, 243.226
Yxy	46.7039, 0.2348, 0.2756
Android (android.graphics.Color)	4285513960 (0xFF6FC0E8)
YUV	172.3410, 29.4119, -53.7961
Hunter-Lab	68.3403, -15.6593, -24.1596

Details

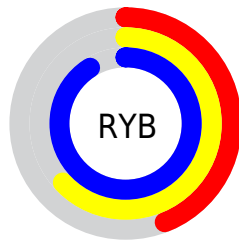
The CIELCh color $74, 30.822, 243.226$ is a light color, and the websafe version is hex $66CCFF$. A complement of this color would be $70, 42.618, 51.931$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 24.927, 206.304$, and $54, 30.659, 242.355$ is the 20% darker color. If you saturate the color by 10%, you get $71, 35.307, 246.055$, and if you desaturate by 10%, it is $77, 25.805, 240.940$.

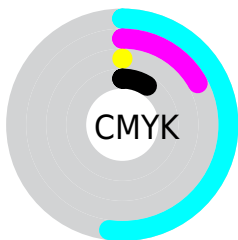
Distribution



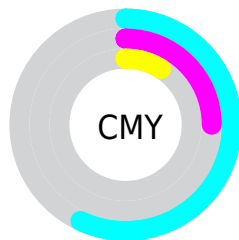
- Red (44%)
- Green (75%)
- Blue (91%)



- Red (44%)
- Yellow (63%)
- Blue (91%)



- Cyan (52%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)




- Cyan (57%)
- Magenta (25%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.822, 243.226 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, 30.822, 243.226 by changing the saturation by 10% instead.


 74, 30.822,
243.226

 74, 30.822,
243.226


 100, 30.822,
243.226


 64, 30.822,
243.226


 94, 30.822,
243.226

 54, 30.822,
243.226

 44, 30.822,
243.226

 34, 30.822,
243.226

 24, 30.822,
243.226

 14, 30.822,
243.226

 4, 30.822, 243.226

0, 30.822, 243.226

74, 30.822,
243.226

74, 30.822,
243.226

71, 35.307,
246.055

77, 25.805,
240.940

68, 39.264,
249.513

81, 20.299,
239.112

65, 42.759,
253.646

84, 14.367,
237.658

63, 45.933,
258.423

87, 8.081, 236.518

61, 48.345,
262.391

91, 1.510, 235.877

95, 5.280, 54.663

97, 7.757, 82.501

■ 99, 10.791,
105.282

■ 99, 11.827,
109.283

Harmonies

Complementary

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



74, 30.822, 243.226



70, 42.618, 51.931

Rectangle

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



74, 30.822, 243.226



74, 30.822, 293.226



74, 30.822, 63.226



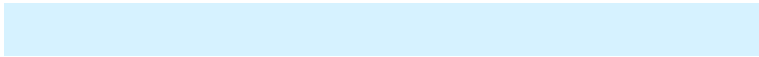
74, 30.822, 113.226

Sweetspot

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



74, 30.821, 243.225



94, 11.328, 236.921



83, 60.004, 149.851



49, 7.614, 237.156



0, 0.000, 0.000



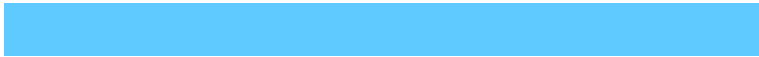
53, 0.007, 296.813

Same Dimension

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



74, 30.821, 243.225



77, 38.459, 246.401



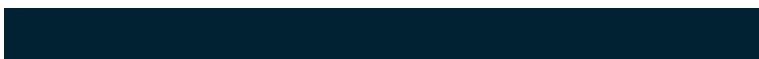
58, 56.122, 290.262



46, 3.741, 236.256



48, 39.384, 261.434



12, 15.234, 252.064

Inverse Universe

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



63, 59.987, 339.905



65, 75.457, 341.166



84, 51.488, 95.220



45, 6.587, 336.176



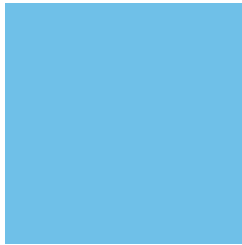
39, 69.361, 347.126



7, 29.981, 343.364

Previews

White Background



This preview shows how the CIE LCh color 74, 30.822, 243.226 looks on a white background.

Color Contrast Check

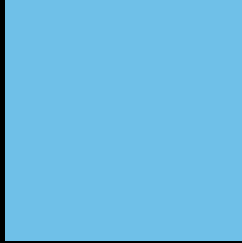
Large Text (above 18pt) WCAG AA × Fail

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, 30.822, 243.226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

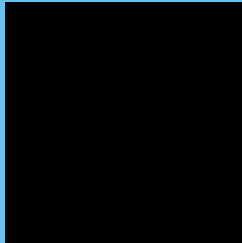
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 30.822, 243.226

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.822, 243.226.

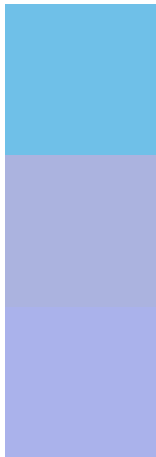


This preview shows how white text looks on a background with the CIELCh color 74, 30.822, 243.226.

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, 30.822, 243.226

Protanopia

74, 23.937, 286.068

Deuteranopia

74, 30.937, 288.312



Tritanopia
74, 28.315, 215.515

Trichromacy



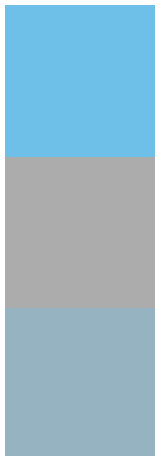
Original Color
74, 30.822, 243.226

Protanomaly
74, 24.894, 265.836

Deuteranomaly
74, 29.236, 271.021

Tritanomaly
74, 28.515, 226.359

Monochromacy



Original Color
74, 30.822, 243.226

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 12.711, 239.080

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.822, 243.226 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(111, 192, 232)` looks like.

```
.text, #text, p{  
    color:rgb(111, 192, 232)  
}
```

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(111, 192, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 192, 232) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.822, 243.226 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(111, 192, 232) }
```

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

```
.border{ border-color:rgb(111, 192, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 192, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 192, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 192, 232);  
box-shadow:4px 4px 4px 4px rgb(111, 192,  
232) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.822, 243.226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 192, 232) }
```

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

```
.background{ background-color: rgb(111,  
192, 232) }
```

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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