

Converting Colors

CIELCh(74, 40.805, 248.200)

Have a look what the booklet for
CIELCh(74, 40.805, 248.200)
contains.

CIELCh(74, 40.965, 248.695)	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, 40.965, 248.695)

Conversions

Conversions Part 1

Format	Color
Hex	4BC1FB
RGB	75, 193, 251
RGB Percent	29%, 76%, 98%
CMY	0.7048, 0.2424, 0.0149
CMYK	0.70, 0.23, 0.00, 0.01
HSL	200°, 96%, 64%
HSV	200°, 70%, 99%
XYZ	39.4748, 46.7039, 98.3605
YIQ	164.3300, -88.9460, -6.9780

Conversions

Conversions Part 2

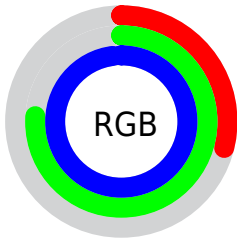
Format	Color
RYB	75, 146, 251
Decimal	4964859
CIELab	74.00, -14.88, -38.17
CIELCh	74, 40.965, 248.695
Yxy	46.7039, 0.2139, 0.2531
Android (android.graphics.Color)	4283154939 (0xFF4BC1FB)
YUV	164.3300, 42.7283, -78.3424
Hunter-Lab	68.3403, -16.4902, -37.4964

Details

The CIELCh color **74, 40.965, 248.695** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **68, 64.745, 51.197**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 31.741, 203.138**, and **55, 38.647, 252.153** is the 20% darker color. If you saturate the color by 10%, you get **71, 44.769, 252.715**, and if you desaturate by 10%, it is **77, 36.641, 245.352**.

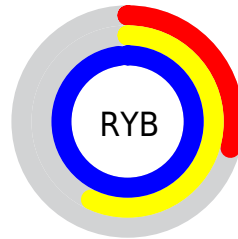
Distribution



Red (29%)

Green (76%)

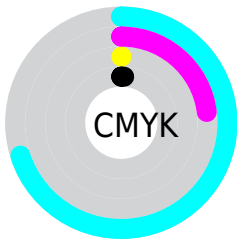
Blue (98%)



Red (29%)

Yellow (57%)

Blue (98%)

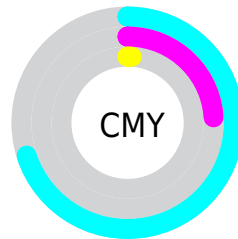


Cyan (70%)

Magenta (23%)

Yellow (0%)

Black (1%)



Cyan (70%)


Magenta (24%)


Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 40.965, 248.695 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, 40.965, 248.695 by changing the saturation by 10% instead.

 74, 40.965,
248.695

 74, 40.965,
248.695


 100, 40.965,
248.695


 64, 40.965,
248.695


 94, 40.965,
248.695

 54, 40.965,
248.695

 44, 40.965,
248.695

 34, 40.965,
248.695

 24, 40.965,
248.695

 14, 40.965,
248.695

 4, 40.965, 248.695

■ 0, 40.965, 248.695

■ 74, 40.965,
248.695

■ 74, 40.965,
248.695

■ 71, 44.769,
252.715

■ 77, 36.641,
245.352

■ 68, 48.193,
257.400

■ 80, 31.745,
242.628

■ 66, 51.473,
262.523

■ 84, 26.284,
240.436

■ 87, 20.308,
238.686

■ 91, 13.889,
237.299

■ 95, 7.106, 236.222

99, 0.034, 252.484

100, 1.919,
109.994

Harmonies

Complementary

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



74, 40.965, 248.695



68, 64.745, 51.197

Rectangle

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



74, 40.965, 248.695



74, 40.965, 298.695



74, 40.965, 68.695



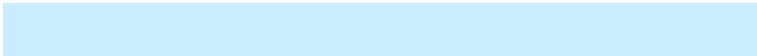
74, 40.965, 118.695

Sweetspot

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



74, 40.964, 248.695



92, 14.702, 237.421



88, 82.394, 147.037



48, 9.885, 237.780



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, 40.964, 248.695



71, 46.713, 254.526



51, 82.942, 295.144



50, 4.011, 236.173



50, 41.088, 261.537



15, 17.361, 253.961

Inverse Universe

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



61, 80.196, 342.039



58, 88.487, 344.251



88, 71.318, 92.997



49, 7.068, 336.152



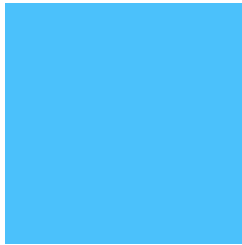
42, 72.260, 347.173



10, 33.550, 344.053

Previews

White Background



This preview shows how the CIE LCh color 74, 40.965, 248.695 looks on a white background.

Color Contrast Check

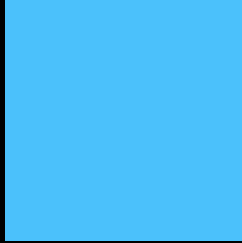
Large Text (above 18pt) WCAG AA × Fail

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, 40.965, 248.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

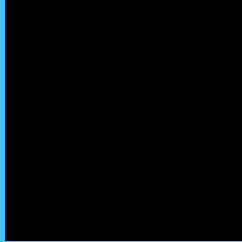
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

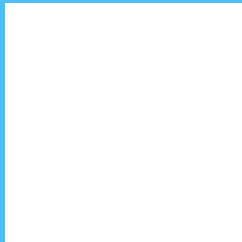
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 40.965, 248.695

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.965, 248.695.

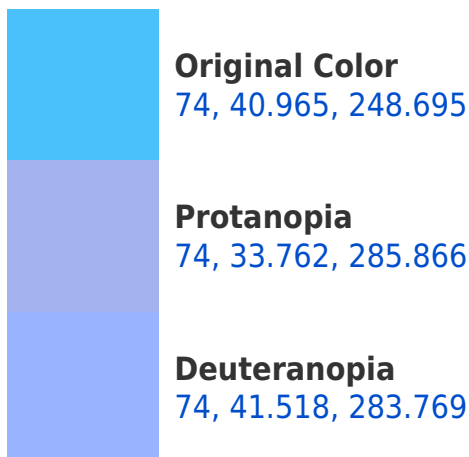



This preview shows how white text looks on a background with the CIELCh color 74, 40.965, 248.695.

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, 37.546, 210.362

Trichromacy



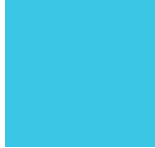
Original Color
74, 40.965, 248.695



Protanomaly
73, 35.132, 267.734



Deuteranomaly
73, 40.448, 269.828



Tritanomaly
74, 37.062, 224.473

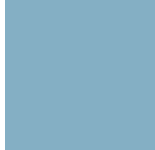
Monochromacy



Original Color
74, 40.965, 248.695



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 17.934, 238.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.965, 248.695 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(75, 193, 251)` looks like.

```
.text, #text, p{  
    color:rgb(75, 193, 251)  
}
```

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(75, 193, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 193, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.965, 248.695 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(75, 193, 251) }
```

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

```
.border{ border-color:rgb(75, 193, 251) }
```

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

Here you see how a box with a 4 pixel rgb(75, 193, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 193, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 193, 251);  
box-shadow:4px 4px 4px 4px rgb(75, 193,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.965, 248.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 193, 251) }
```

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

```
.background{ background-color: rgb(75, 193,  
251) }
```

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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