

# Converting Colors

CIELCh(74, 41.253, 252.036)

Have a look what the booklet for  
CIELCh(74, 41.253, 252.036)  
contains.

<b>CIELCh(74, 41.253, 252.036)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	21
<i><b>Color Blindness Simulation</b></i>	24
<i><b>CSS Examples</b></i>	27

# Color

**CIELCh(74, 41.253, 252.036)**

# Conversions

Conversions Part 1	
Format	Color
Hex	52C0FD
RGB	82, 192, 253
RGB Percent	32%, 75%, 99%
CMY	0.6773, 0.2462, 0.0070
CMYK	0.68, 0.24, 0.00, 0.01
HSL	201°, 98%, 66%
HSV	201°, 68%, 99%
XYZ	40.1647, 46.7039, 100.0127
YIQ	166.0640, -85.1410, -4.3490

# Conversions

## Conversions Part 2

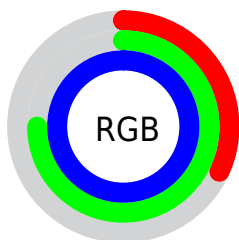
Format	Color
<a href="#">RYB</a>	<a href="#">82, 149, 253</a>
Decimal	<a href="#">5423357</a>
CIELab	<a href="#">74.00, -12.72, -39.24</a>
CIELCh	<a href="#">74, 41.253, 252.036</a>
Yxy	<a href="#">46.7039, 0.2149, 0.2499</a>
Android (android.graphics.Color)	<a href="#">4283613437</a> (0xFF52C0FD)
YUV	<a href="#">166.0640, 42.8594, -73.7241</a>
Hunter-Lab	<a href="#">68.3403, -14.6883, -38.9298</a>

# Details

The CIELCh color **74, 41.253, 252.036** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light muted cyan. A complement of this color would be **70, 61.796, 53.630**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 30.283, 204.498**, and **55, 39.674, 254.608** is the 20% darker color. If you saturate the color by 10%, you get **71, 45.619, 256.018**, and if you desaturate by 10%, it is **77, 36.429, 248.708**.

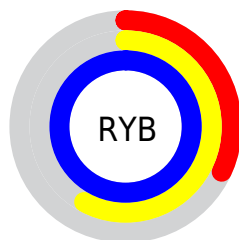
# Distribution



Red (32%)

Green (75%)

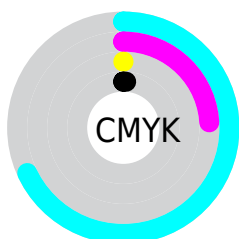
Blue (99%)



Red (32%)

Yellow (58%)

Blue (99%)

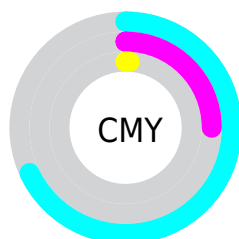


Cyan (68%)

Magenta (24%)

Yellow (0%)

Black (1%)



Cyan (68%)

Magenta (25%)


Yellow (1%)


# Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 41.253, 252.036 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, 41.253, 252.036 by changing the saturation by 10% instead.





 74, 41.253,  
252.036


 74, 41.253,  
252.036


 100, 41.253,  
252.036


 64, 41.253,  
252.036


 94, 41.253,  
252.036

 54, 41.253,  
252.036

 44, 41.253,  
252.036

 34, 41.253,  
252.036

 24, 41.253,  
252.036

 14, 41.253,  
252.036

 4, 41.253, 252.036

0, 41.253, 252.036

74, 41.253,  
252.036

74, 41.253,  
252.036

71, 45.619,  
256.018

77, 36.429,  
248.708

68, 49.655,  
260.641

81, 31.101,  
245.978

65, 53.560,  
265.771

85, 25.279,  
243.764

64, 54.564,  
267.045

88, 19.010,  
241.982

92, 12.359,  
240.555

96, 5.396, 239.449

100, 0.889,  
110.024

# Harmonies

# Complementary

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



74, 41.253, 252.036



70, 61.796, 53.630

# Rectangle

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



74, 41.253, 252.036



74, 41.253, 302.036



74, 41.253, 72.036



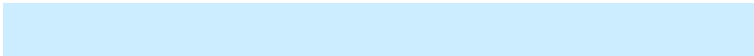
74, 41.253, 122.036

# Sweetspot

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



74, 41.252, 252.036



92, 14.130, 240.882



89, 78.347, 148.748



48, 9.584, 241.273



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, 41.252, 252.036



70, 47.321, 257.578



51, 83.658, 295.947



51, 4.097, 239.641



49, 43.669, 266.090



15, 18.588, 258.820



# Inverse Universe

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



62, 77.541, 343.231



59, 86.013, 345.469



90, 71.357, 95.531



50, 7.048, 337.341



42, 71.863, 349.362

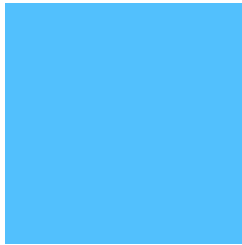


11, 33.890, 345.988



# Previews

## White Background



This preview shows how the CIE LCh color 74, 41.253, 252.036 looks on a white background.

## Color Contrast Check

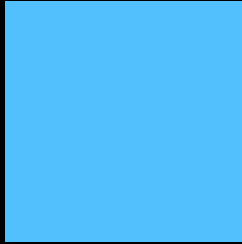
Large Text (above 18pt) WCAG AA × Fail

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, 41.253, 252.036 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

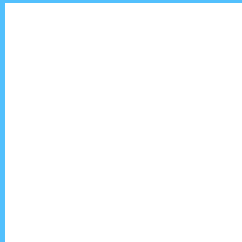
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 74, 41.253, 252.036

## Background



This preview shows how black text looks on a background with the CIELCh color 74, 41.253, 252.036.

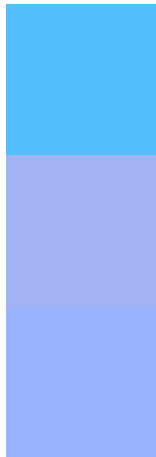


This preview shows how white text looks on a background with the CIELCh color 74, 41.253, 252.036.

# 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, 41.253, 252.036

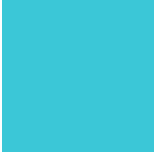
### Protanopia

74, 35.421, 285.440

### Deuteranopia

74, 41.518, 283.769

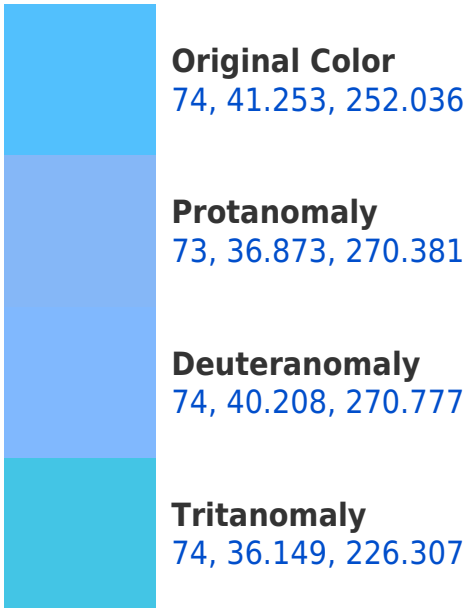




# Tritanopia

74, 36.388, 210.879

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 74, 41.253, 252.036 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(82, 192, 253)` looks like.

```
.text, #text, p{  
    color:rgb(82, 192, 253)  
}
```

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(82, 192, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 192, 253) }
```

## Border

The CSS property to change the border of an element to CIELCh 74, 41.253, 252.036 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(82, 192, 253) }
```

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

```
.border{ border-color:rgb(82, 192, 253) }
```

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

Here you see how a box with a 4 pixel rgb(82, 192, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 192, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 192, 253);  
box-shadow:4px 4px 4px 4px rgb(82, 192,  
253) }
```

# Background

The CSS property to change the background color of an element to CIELCh 74, 41.253, 252.036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 192, 253) }
```

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

```
.background{ background-color: rgb(82, 192,  
253) }
```

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](#).

Hey! You found this booklet  
interesting? Support Converting  
Colors with the new Membership  
Option!

The pro membership hides all ads, plus gives you  
double the colors in the color bucket, and more  
awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor