

Converting Colors

CIELCh(75, 53.926, 265.672)

Have a look what the booklet for
CIELCh(75, 53.926, 265.672)
contains.

CIELCh(74, 42.794, 251.685)	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, 42.794, 251.685)

Conversions

Conversions Part 1

Format	Color
Hex	49C1FF
RGB	73, 193, 255
RGB Percent	29%, 76%, 100%
CMY	0.7135, 0.2442, 0.0000
CMYK	0.71, 0.24, 0.00, 0.00
HSL	201°, 100%, 64%
HSV	201°, 71%, 100%
XYZ	39.9325, 46.7039, 102.1642
YIQ	164.1880, -91.4220, -6.1580

Conversions

Conversions Part 2

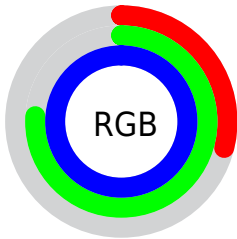
Format	Color
R_{YB}	73, 145, 255
Decimal	4833791
CIE _{Lab}	74.00, -13.45, -40.63
CIE _{LCh}	74, 42.794, 251.685
Yxy	46.7039, 0.2115, 0.2474
Android (android.graphics.Color)	4283023871 (0xFF49C1FF)
YUV	164.1880, 44.7703, -79.9719
Hunter-Lab	68.3403, -15.2947, -40.7965

Details

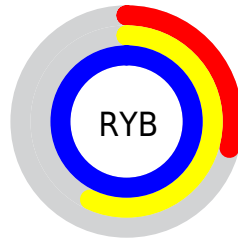
The CIELCh color **74, 42.794, 251.685** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **69, 66.694, 52.179**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 31.974, 203.083**, and **55, 40.118, 255.048** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.524, 255.393**, and if you desaturate by 10%, it is **77, 38.067, 247.705**.

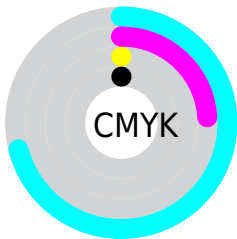
Distribution



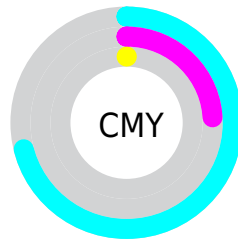
- Red (29%)
- Green (76%)
- Blue (100%)



- Red (29%)
- Yellow (57%)
- Blue (100%)



- Cyan (71%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (71%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 42.794, 251.685 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, 42.794, 251.685 by changing the saturation by 10% instead.

 74, 42.794,
251.685

 74, 42.794,
251.685

 100, 42.794,
251.685

 64, 42.794,
251.685


 94, 42.794,
251.685

 54, 42.794,
251.685

 44, 42.794,
251.685

 34, 42.794,
251.685

 24, 42.794,
251.685

 14, 42.794,
251.685

 4, 42.794, 251.685

■ 0, 42.794, 251.685

■ 74, 42.794,
251.685

■ 74, 42.794,
251.685

■ 71, 46.524,
255.393

■ 77, 38.067,
247.705

■ 68, 50.202,
260.210

■ 81, 33.064,
244.827

■ 66, 53.332,
264.693

■ 84, 27.516,
242.497

■ 88, 21.465,
240.626

■ 92, 14.977,
239.134

■ 95, 8.127, 237.961

99, 0.989, 237.506

100, 0.012,
296.813

Harmonies

Complementary

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



74, 42.794, 251.685



69, 66.694, 52.179

Rectangle

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



74, 42.794, 251.685



74, 42.794, 301.685



74, 42.794, 71.685



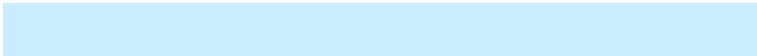
74, 42.794, 121.685

Sweetspot

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



74, 42.529, 251.213



92, 14.743, 239.088



89, 83.486, 147.424



48, 9.916, 239.463



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, 42.529, 251.213



70, 48.261, 257.560



50, 87.600, 296.303



51, 4.085, 237.779



50, 42.483, 263.714



16, 18.198, 256.462

Inverse Universe

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



62, 81.460, 342.953



58, 88.420, 345.464



90, 74.073, 93.976



50, 7.122, 336.696



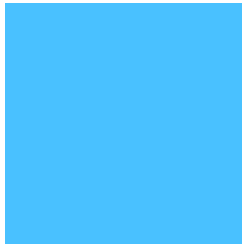
42, 72.446, 348.185



11, 34.164, 345.022

Previews

White Background



This preview shows how the CIELCh color 74, 42.794, 251.685 looks on a white background.

Color Contrast Check

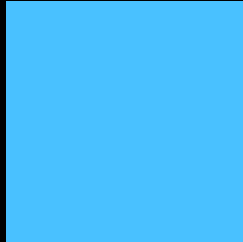
Large Text (above 18pt) WCAG AA × Fail

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, 42.794, 251.685 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

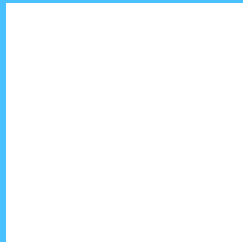
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 42.794, 251.685

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.794, 251.685.



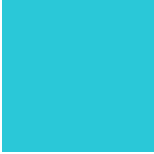
This preview shows how white text looks on a background with the CIELCh color 74, 42.794, 251.685.

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, 38.279, 210.052

Trichromacy



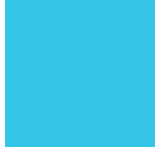
Original Color
74, 42.466, 250.964



Protanomaly
73, 37.607, 269.732



Deuteranomaly
73, 41.001, 269.936



Tritanomaly
74, 37.734, 225.856

Monochromacy



Original Color
74, 42.466, 250.964



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 18.567, 241.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.794, 251.685 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(73, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(73, 193, 255)  
}
```

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(73, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 193, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.794, 251.685 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(73, 193, 255) }
```

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

```
.border{ border-color:rgb(73, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(73, 193,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.794, 251.685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 193, 255) }
```

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

```
.background{ background-color: rgb(73, 193,  
255) }
```

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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