

Converting Colors

CIELCh(74, 42.165, 251.827)

Have a look what the booklet for
CIELCh(74, 42.165, 251.827)
contains.

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Color

CIELCh(74, 42.135, 251.571)

Conversions

Conversions Part 1

Format	Color
Hex	4CC1FF
RGB	76, 193, 255
RGB Percent	30%, 76%, 100%
CMY	0.7002, 0.2447, 0.0017
CMYK	0.70, 0.24, 0.00, 0.00
HSL	201°, 100%, 65%
HSV	201°, 70%, 100%
XYZ	39.9733, 46.7039, 101.1470
YIQ	165.0850, -89.6340, -5.5220

Conversions

Conversions Part 2

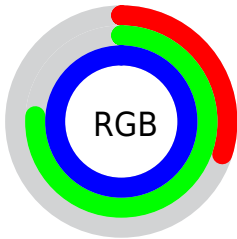
Format	Color
RYB	76, 147, 255
Decimal	5030399
CIELab	74.00, -13.32, -39.97
CIElCh	74, 42.135, 251.571
Yxy	46.7039, 0.2128, 0.2487
Android (android.graphics.Color)	4283220479 (0xFF4CC1FF)
YUV	165.0850, 44.3281, -78.1275
Hunter-Lab	68.3403, -15.1881, -39.9139

Details

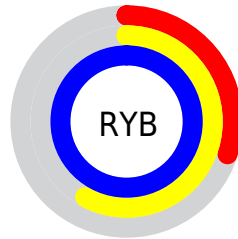
The CIELCh color **74, 42.135, 251.571** is a light color, and the websafe version is hex **66CCFF**. The color can be described as light washed cyan. A complement of this color would be **69, 64.952, 52.720**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 31.507, 203.193**, and **55, 40.118, 255.048** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.272, 255.683**, and if you desaturate by 10%, it is **77, 37.532, 248.126**.

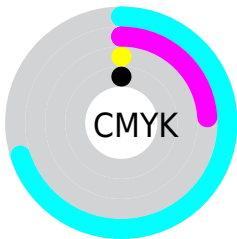
Distribution



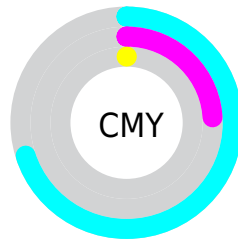
- Red (30%)
- Green (76%)
- Blue (100%)



- Red (30%)
- Yellow (58%)
- Blue (100%)



- Cyan (70%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (70%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 42.135, 251.571 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, 42.135, 251.571 by changing the saturation by 10% instead.


 74, 42.135,
251.571


 74, 42.135,
251.571


 100, 42.135,
251.571


 64, 42.135,
251.571


 94, 42.135,
251.571

 54, 42.135,
251.571

 44, 42.135,
251.571

 34, 42.135,
251.571

 24, 42.135,
251.571

 14, 42.135,
251.571

 4, 42.135, 251.571

0, 42.135, 251.571

74, 42.135,
251.571

74, 42.135,
251.571

71, 46.272,
255.683

77, 37.532,
248.126

68, 50.089,
260.434

81, 32.402,
245.298

65, 53.829,
265.601

84, 26.746,
243.008

65, 53.840,
265.615

88, 20.608,
241.168

92, 14.054,
239.697

96, 7.156, 238.544

100, 0.017, 22.464

100, 0.210,
109.794

Harmonies

Complementary

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



74, 42.135, 251.571



69, 64.952, 52.720

Rectangle

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



74, 42.135, 251.571



74, 42.135, 301.571



74, 42.135, 71.571



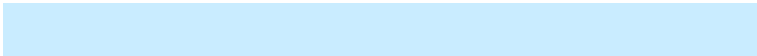
74, 42.135, 121.571

Sweetspot

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



74, 42.134, 251.571



92, 14.765, 239.833



89, 82.099, 147.668



48, 9.933, 240.215



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, 42.134, 251.571



70, 47.902, 257.528



51, 85.601, 295.906



51, 4.089, 238.498



50, 42.931, 264.642



15, 18.345, 257.380

Inverse Universe

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



62, 80.120, 343.075



58, 87.550, 345.450



90, 72.863, 94.140



50, 7.094, 336.943



42, 72.217, 348.635



11, 34.057, 345.391

Previews

White Background



This preview shows how the CIELCh color 74, 42.135, 251.571 looks on a white background.

Color Contrast Check

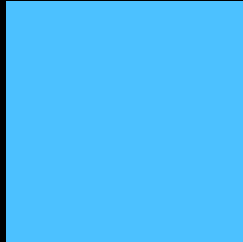
Large Text (above 18pt) WCAG AA × Fail

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, 42.135, 251.571 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

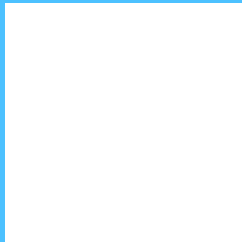
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 42.135, 251.571

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.135, 251.571.



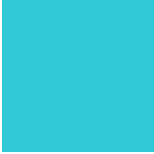
This preview shows how white text looks on a background with the CIELCh color 74, 42.135, 251.571.

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, 37.645, 210.320

Trichromacy



Original Color
74, 42.219, 251.415

Protanomaly
73, 37.045, 269.648

Deuteranomaly
73, 40.922, 270.241

Tritanomaly
74, 37.156, 226.377

Monochromacy



Original Color
74, 42.219, 251.415

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 18.341, 242.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.135, 251.571 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(76, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(76, 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(76, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 193, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.135, 251.571 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(76, 193, 255) }
```

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

```
.border{ border-color:rgb(76, 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(76, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(76, 193,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.135, 251.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 193, 255) }
```

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

```
.background{ background-color: rgb(76, 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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