

Converting Colors

CIELCh(74, 38.902, 244.083)

Have a look what the booklet for
CIELCh(74, 38.902, 244.083)
contains.

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Color

CIELCh(74, 38.836, 243.722)

Conversions

Conversions Part 1

Format	Color
Hex	4CC2F5
RGB	76, 194, 245
RGB Percent	30%, 76%, 96%
CMY	0.7020, 0.2393, 0.0393
CMYK	0.69, 0.21, 0.00, 0.04
HSL	198°, 89%, 63%
HSV	198°, 69%, 96%
XYZ	38.7460, 46.7039, 93.3461
YIQ	164.5320, -86.6990, -9.1550

Conversions

Conversions Part 2

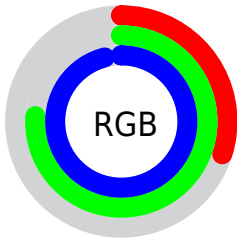
Format	Color
R _Y B	76, 145, 245
Decimal	5030645
CIE Lab	74.00, -17.19, -34.82
CIE LCh	74, 38.836, 243.722
Yxy	46.7039, 0.2167, 0.2612
Android (android.graphics.Color)	4283220725 (0xFF4CC2F5)
YUV	164.5320, 39.6707, -77.6426
Hunter-Lab	68.3403, -18.3936, -33.1461

Details

The CIELCh color **74, 38.836, 243.722** 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 **66, 62.993, 48.937**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 32.312, 201.135**, and **54, 36.939, 248.232** is the 20% darker color. If you saturate the color by 10%, you get **71, 42.228, 247.466**, and if you desaturate by 10%, it is **77, 34.838, 240.653**.

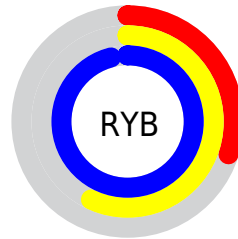
Distribution



Red (30%)

Green (76%)

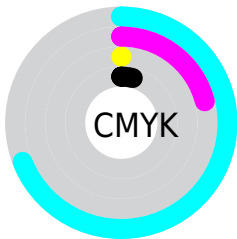
Blue (96%)



Red (30%)

Yellow (57%)

Blue (96%)

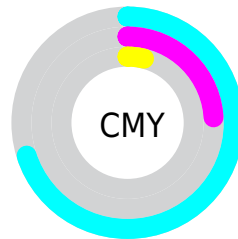


Cyan (69%)

Magenta (21%)

Yellow (0%)

Black (4%)



Cyan (70%)

Magenta (24%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 38.836, 243.722 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, 38.836, 243.722 by changing the saturation by 10% instead.

 74, 38.836,
243.722

 74, 38.836,
243.722

 100, 38.836,
243.722


 64, 38.836,
243.722


 94, 38.836,
243.722

 54, 38.836,
243.722

 44, 38.836,
243.722

 34, 38.836,
243.722

 24, 38.836,
243.722

 14, 38.836,
243.722

 4, 38.836, 243.722

■ 0, 38.836, 243.722

■ 74, 38.836,
243.722

■ 74, 38.836,
243.722

■ 71, 42.228,
247.466

■ 77, 34.838,
240.653

■ 69, 45.131,
251.908

■ 80, 30.202,
238.184

■ 67, 47.772,
256.920

■ 83, 24.954,
236.221

■ 66, 48.049,
257.428

■ 86, 19.156,
234.674

■ 90, 12.890,
233.465

■ 93, 6.240, 232.553

■ 97, 0.714, 50.882

■ 99, 4.170, 100.706

■ 100, 5.067,
109.784

Harmonies

Complementary

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



74, 38.836, 243.722



66, 62.993, 48.937

Rectangle

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



74, 38.836, 243.722



74, 38.836, 293.722



74, 38.836, 63.722



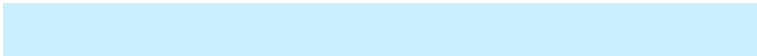
74, 38.836, 113.722

Sweetspot

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



74, 38.835, 243.722



92, 14.654, 233.690



86, 80.855, 146.621



48, 9.847, 234.011



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, 38.835, 243.722



73, 44.835, 249.245



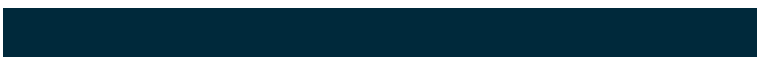
51, 78.149, 294.004



49, 3.941, 232.591



51, 38.773, 256.475



15, 16.286, 248.709

Inverse Universe

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



60, 79.227, 340.357



59, 89.665, 342.318



85, 68.277, 91.974



48, 7.089, 334.978



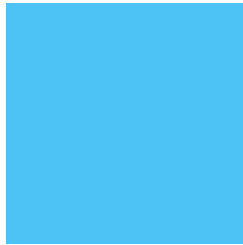
41, 72.779, 345.027



10, 33.223, 342.177

Previews

White Background



This preview shows how the CIELCh color 74, 38.836, 243.722 looks on a white background.

Color Contrast Check

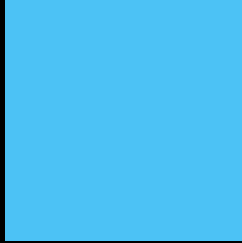
Large Text (above 18pt) WCAG AA × Fail

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, 38.836, 243.722 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

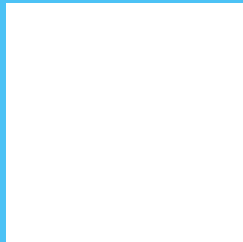
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 38.836, 243.722

Background



This preview shows how black text looks on a background with the CIELCh color 74, 38.836, 243.722.

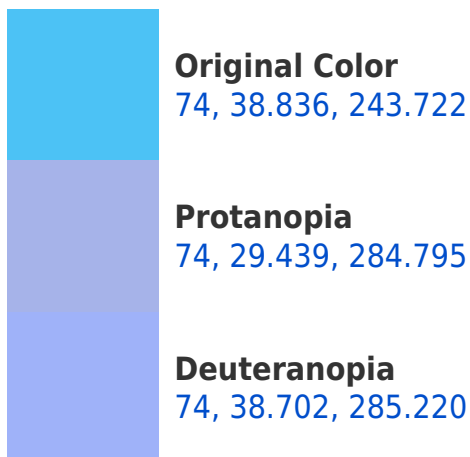


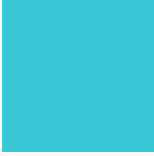
This preview shows how white text looks on a background with the CIELCh color 74, 38.836, 243.722.

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, 36.622, 210.773

Trichromacy



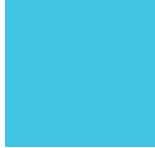
Original Color
74, 38.836, 243.722



Protanomaly
73, 31.804, 264.411



Deuteranomaly
73, 37.282, 268.527



Tritanomaly
74, 36.127, 223.321

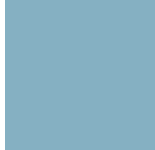
Monochromacy



Original Color
74, 38.836, 243.722



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 17.078, 234.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 38.836, 243.722 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, 194, 245)` looks like.

```
.text, #text, p{  
    color:rgb(76, 194, 245)  
}
```

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, 194, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 194, 245) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 38.836, 243.722 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, 194, 245) }
```

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

```
.border{ border-color:rgb(76, 194, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 194, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 194, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 194, 245);  
box-shadow:4px 4px 4px 4px rgb(76, 194,  
245) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 38.836, 243.722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 194, 245) }
```

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

```
.background{ background-color: rgb(76, 194,  
245) }
```

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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