

Converting Colors

CIELCh(74, 43.246, 247.555)

Have a look what the booklet for
CIELCh(74, 43.246, 247.555)
contains.

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Color

CIELCh(74, 43.101, 247.432)

Conversions

Conversions Part 1

Format	Color
Hex	39C2FE
RGB	57, 194, 254
RGB Percent	22%, 76%, 100%
CMY	0.7753, 0.2385, 0.0032
CMYK	0.77, 0.24, 0.00, 0.00
HSL	198°, 99%, 61%
HSV	198°, 77%, 100%
XYZ	38.9510, 46.7039, 100.8772
YIQ	159.8770, -100.9120, -10.3840

Conversions

Conversions Part 2

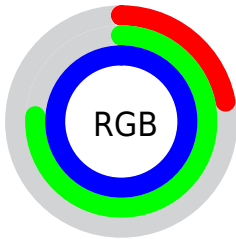
Format	Color
R _Y B	57, 138, 254
Decimal	3785470
CIE Lab	74.00, -16.54, -39.80
CIE LCh	74, 43.101, 247.432
Yxy	46.7039, 0.2088, 0.2504
Android (android.graphics.Color)	4281975550 (0xFF39C2FE)
YUV	159.8770, 46.4026, -90.2231
Hunter-Lab	68.3403, -17.8583, -39.6799

Details

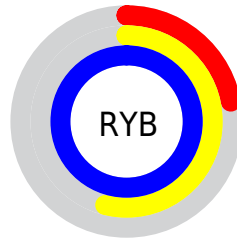
The CIELCh color **74, 43.101, 247.432** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **65, 74.374, 49.050**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 34.499, 201.646**, and **55, 39.742, 254.344** is the 20% darker color. If you saturate the color by 10%, you get **71, 46.201, 251.812**, and if you desaturate by 10%, it is **77, 39.483, 243.754**.

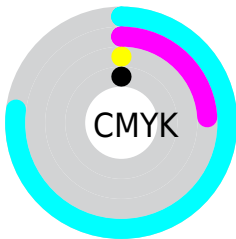
Distribution



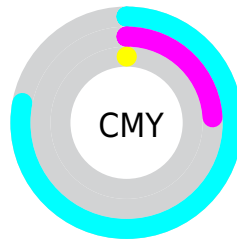
- Red (22%)
- Green (76%)
- Blue (100%)



- Red (22%)
- Yellow (54%)
- Blue (100%)



- Cyan (77%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)





- Cyan (78%)
- Magenta (24%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 43.101, 247.432 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, 43.101, 247.432 by changing the saturation by 10% instead.


 74, 43.101,
247.432

 74, 43.101,
247.432


 100, 43.101,
247.432


 64, 43.101,
247.432


 94, 43.101,
247.432

 54, 43.101,
247.432

 44, 43.101,
247.432

 34, 43.101,
247.432

 24, 43.101,
247.432

 14, 43.101,
247.432

 4, 43.101, 247.432

■ 0, 43.101, 247.432

■ 74, 43.101,
247.432

■ 74, 43.101,
247.432

■ 71, 46.201,
251.812

■ 77, 39.483,
243.754

■ 69, 48.990,
256.812

■ 80, 35.242,
240.746

■ 68, 49.710,
258.104

■ 83, 30.351,
238.328

■ 86, 24.842,
236.407

■ 90, 18.783,
234.893

■ 93, 12.257,
233.711

■ 97, 5.352, 232.832

100, 0.405,
109.957

Harmonies

Complementary

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



74, 43.101, 247.432



65, 74.374, 49.050

Rectangle

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



74, 43.101, 247.432



74, 43.101, 297.432



74, 43.101, 67.432



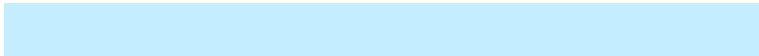
74, 43.101, 117.432

Sweetspot

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



74, 43.100, 247.432



92, 15.970, 234.330



89, 91.010, 145.094



48, 10.945, 234.782



0, 0.000, 0.000



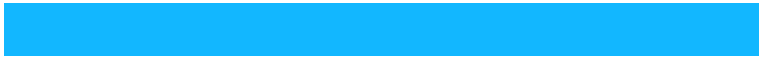
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 43.100, 247.432



70, 47.889, 254.530



48, 91.595, 296.597



51, 4.075, 232.983



52, 39.792, 257.143



16, 17.343, 250.077

Inverse Universe

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



60, 86.836, 341.666



57, 91.606, 344.265



87, 76.735, 90.844



50, 7.315, 335.106



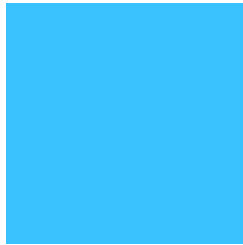
42, 74.090, 345.295



11, 34.914, 342.647

Previews

White Background



This preview shows how the CIE LCh color 74, 43.101, 247.432 looks on a white background.

Color Contrast Check

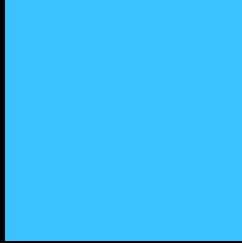
Large Text (above 18pt) WCAG AA × Fail

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, 43.101, 247.432 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

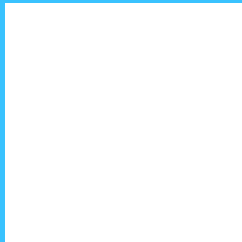
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 43.101, 247.432

Background



This preview shows how black text looks on a background with the CIELCh color 74, 43.101, 247.432.

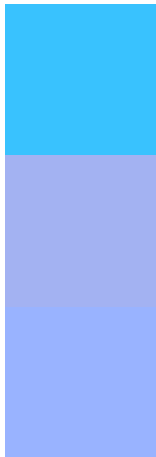


This preview shows how white text looks on a background with the CIELCh color 74, 43.101, 247.432.

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

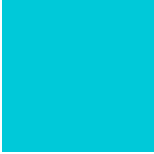
74, 43.101, 247.432

Protanopia

74, 34.857, 285.737

Deuteranopia

74, 41.558, 283.392



Tritanopia
74, 40.412, 209.203

Trichromacy



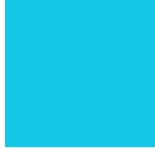
Original Color
74, 43.101, 247.432



Protanomaly
73, 36.725, 266.175



Deuteranomaly
73, 41.082, 267.383



Tritanomaly
74, 39.973, 223.042

Monochromacy



Original Color
74, 43.101, 247.432



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 19.607, 236.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 43.101, 247.432 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(57, 194, 254)` looks like.

```
.text, #text, p{  
    color:rgb(57, 194, 254)  
}
```

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(57, 194, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 194, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 43.101, 247.432 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(57, 194, 254) }
```

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

```
.border{ border-color:rgb(57, 194, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 194, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 194, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 194, 254);  
box-shadow:4px 4px 4px 4px rgb(57, 194,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 43.101, 247.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 194, 254) }
```

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

```
.background{ background-color: rgb(57, 194,  
254) }
```

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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