

Converting Colors

CIELCh(74, 36.651, 225.601)

Have a look what the booklet for
CIELCh(74, 36.651, 225.601)
contains.

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Color

CIELCh(74, 36.601, 225.889)

Conversions

Conversions Part 1

Format	Color
Hex	3FC5E5
RGB	63, 197, 229
RGB Percent	25%, 77%, 90%
CMY	0.7523, 0.2270, 0.1015
CMYK	0.72, 0.14, 0.00, 0.10
HSL	192°, 76%, 57%
HSV	192°, 72%, 90%
XYZ	36.2068, 46.7039, 81.3117
YIQ	160.5820, -90.1360, -18.4560

Conversions

Conversions Part 2

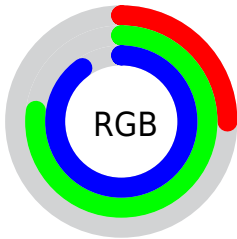
Format	Color
R _{YB}	63, 137, 229
Decimal	4179429
CIE Lab	74.00, -25.48, -26.28
CIE LCh	74, 36.601, 225.889
Yxy	46.7039, 0.2205, 0.2844
Android (android.graphics.Color)	4282369509 (0xFF3FC5E5)
YUV	160.5820, 33.7301, -85.5794
Hunter-Lab	68.3403, -25.0259, -22.7054

Details

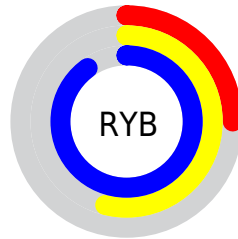
The CIELCh color **74, 36.601, 225.889** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **57, 66.735, 41.190**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 35.698, 198.063**, and **55, 32.570, 229.571** is the 20% darker color. If you saturate the color by 10%, you get **72, 38.585, 228.522**, and if you desaturate by 10%, it is **76, 33.778, 223.812**.

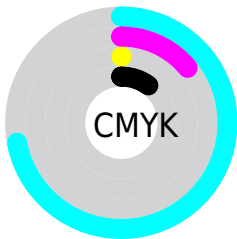
Distribution



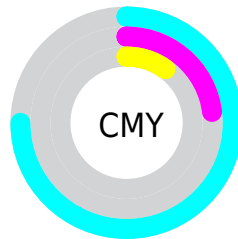
- Red (25%)
- Green (77%)
- Blue (90%)



- Red (25%)
- Yellow (54%)
- Blue (90%)



- Cyan (72%)
- Magenta (14%)
- Yellow (0%)
- Black (10%)




- Cyan (75%)
- Magenta (23%)
- Yellow (10%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 36.601, 225.889 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, 36.601, 225.889 by changing the saturation by 10% instead.

 74, 36.601,
225.889

 74, 36.601,
225.889

 100, 36.601,
225.889


 64, 36.601,
225.889


 94, 36.601,
225.889

 54, 36.601,
225.889

 44, 36.601,
225.889

 34, 36.601,
225.889

 24, 36.601,
225.889

 14, 36.601,
225.889

 4, 36.601, 225.889

0, 36.601, 225.889

74, 36.601,
225.889

74, 36.601,
225.889

72, 38.585,
228.522

76, 33.778,
223.812

71, 39.823,
231.776

78, 30.109,
222.210

70, 40.435,
234.587

80, 25.641,
221.000

82, 20.461,
220.109

85, 14.670,
219.476

88, 8.376, 219.061

■ 90, 1.679, 219.058

■ 93, 5.329, 38.416

■ 95, 7.683, 50.792

Harmonies

Complementary

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



74, 36.601, 225.889



57, 66.735, 41.190

Rectangle

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



74, 36.601, 225.889



74, 36.601, 275.889



74, 36.601, 45.889



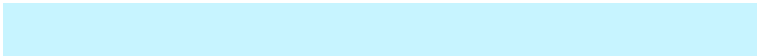
74, 36.601, 95.889

Sweetspot

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



74, 36.600, 225.888



94, 15.710, 219.460



81, 86.777, 142.284



49, 10.460, 219.608



0, 0.000, 0.000



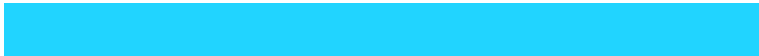
53, 0.007, 296.813

Same Dimension

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



74, 36.600, 225.888



79, 42.613, 230.096



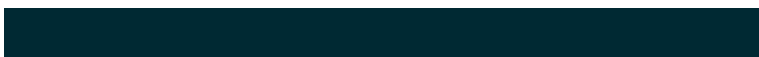
51, 66.046, 288.343



47, 3.863, 218.982



55, 33.505, 233.900



15, 13.980, 227.421

Inverse Universe

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



56, 83.104, 335.292



59, 97.733, 336.608



75, 63.005, 82.445



45, 7.266, 330.838



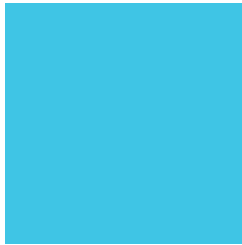
40, 76.154, 337.695



8, 32.674, 335.971

Previews

White Background



This preview shows how the CIELCh color 74, 36.601, 225.889 looks on a white background.

Color Contrast Check

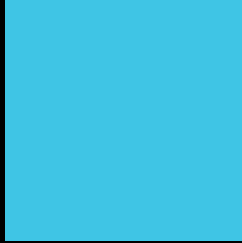
Large Text (above 18pt) WCAG AA × Fail

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, 36.601, 225.889 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, 36.601, 225.889

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.601, 225.889.



This preview shows how white text looks on a background with the CIELCh color 74, 36.601, 225.889.

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, 37.057, 211.469

Trichromacy



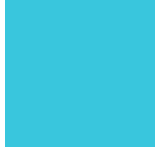
Original Color
74, 36.601, 225.889



Protanomaly
73, 24.543, 249.741



Deuteranomaly
73, 29.822, 260.409



Tritanomaly
74, 36.600, 217.198

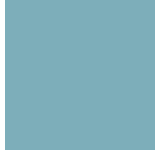
Monochromacy



Original Color
74, 36.601, 225.889



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 17.442, 220.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.601, 225.889 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(63, 197, 229)` looks like.

```
.text, #text, p{  
    color:rgb(63, 197, 229)  
}
```

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(63, 197, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 197, 229) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.601, 225.889 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(63, 197, 229) }
```

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

```
.border{ border-color:rgb(63, 197, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 197, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 197, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 197, 229);  
box-shadow:4px 4px 4px 4px rgb(63, 197,  
229) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.601, 225.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 197, 229) }
```

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

```
.background{ background-color: rgb(63, 197,  
229) }
```

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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