

Converting Colors

CIELCh(74, 34.247, 220.219)

Have a look what the booklet for
CIELCh(74, 34.247, 220.219)
contains.

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Color

CIELCh(74, 34.229, 219.829)

Conversions

Conversions Part 1

Format	Color
Hex	4BC5DD
RGB	75, 197, 221
RGB Percent	29%, 77%, 87%
CMY	0.7054, 0.2271, 0.1329
CMYK	0.66, 0.11, 0.00, 0.13
HSL	190°, 68%, 58%
HSV	190°, 66%, 87%
XYZ	35.9645, 46.7039, 75.5956
YIQ	163.2580, -80.4160, -18.4000

Conversions

Conversions Part 2

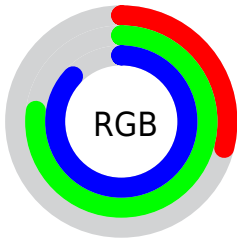
Format	Color
RYB	75, 141, 221
Decimal	4965853
CIELab	74.00, -26.29, -21.92
CIElCh	74, 34.229, 219.829
Yxy	46.7039, 0.2272, 0.2951
Android (android.graphics.Color)	4283155933 (0xFF4BC5DD)
YUV	163.2580, 28.4668, -77.4023
Hunter-Lab	68.3403, -25.6587, -17.7463

Details

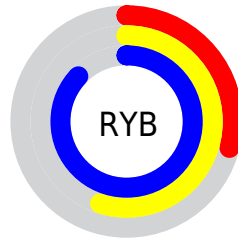
The CIELCh color **74, 34.229, 219.829** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **57, 58.919, 38.550**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 34.150, 198.193**, and **54, 31.707, 221.969** is the 20% darker color. If you saturate the color by 10%, you get **72, 36.592, 221.683**, and if you desaturate by 10%, it is **76, 30.991, 218.407**.

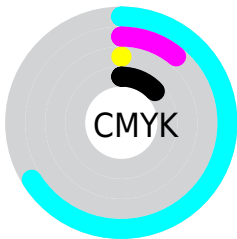
Distribution



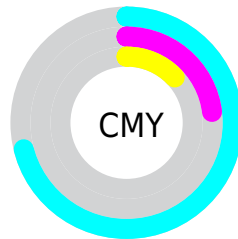
- Red (29%)
- Green (77%)
- Blue (87%)



- Red (29%)
- Yellow (55%)
- Blue (87%)



- Cyan (66%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)



- Cyan (71%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 34.229, 219.829 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, 34.229, 219.829 by changing the saturation by 10% instead.

■ 74, 34.229,
219.829

■ 74, 34.229,
219.829

■ 100, 34.229,
219.829

■ 64, 34.229,
219.829

■ 94, 34.229,
219.829

■ 54, 34.229,
219.829

■ 44, 34.229,
219.829

■ 34, 34.229,
219.829

■ 24, 34.229,
219.829

■ 14, 34.229,
219.829

■ 4, 34.229, 219.829

0, 34.229, 219.829

74, 34.229,
219.829

74, 34.229,
219.829

72, 36.592,
221.683

76, 30.991,
218.407

71, 38.108,
224.043

78, 26.917,
217.348

70, 38.884,
226.956

80, 22.085,
216.585

69, 39.094,
228.209

82, 16.595,
216.064

84, 10.557,
215.742

87, 4.075, 215.637

■ 89, 2.753, 35.197

■ 92, 9.843, 35.361

■ 93, 10.298, 45.632

Harmonies

Complementary

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



74, 34.229, 219.829



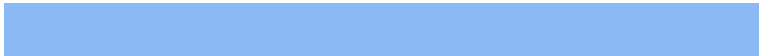
57, 58.919, 38.550

Rectangle

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



74, 34.229, 219.829



74, 34.229, 269.829



74, 34.229, 39.829



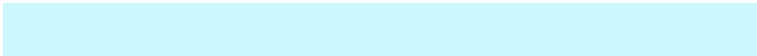
74, 34.229, 89.829

Sweetspot

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



74, 34.228, 219.828



94, 14.609, 215.853



79, 80.232, 142.307



50, 9.874, 215.947



0, 0.000, 0.000



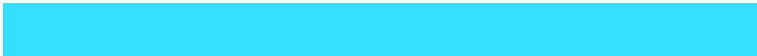
53, 0.007, 296.813

Same Dimension

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



74, 34.228, 219.828



82, 41.470, 222.474



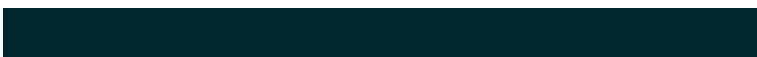
54, 55.183, 283.818



45, 3.785, 215.637



55, 32.606, 227.624



13, 13.160, 221.551

Inverse Universe

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



57, 77.590, 333.570



61, 96.370, 334.535



73, 55.366, 80.671



43, 7.141, 329.859



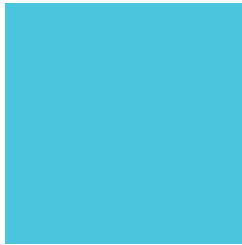
40, 76.170, 336.024



7, 30.783, 334.422

Previews

White Background



This preview shows how the CIE LCh color 74, 34.229, 219.829 looks on a white background.

Color Contrast Check

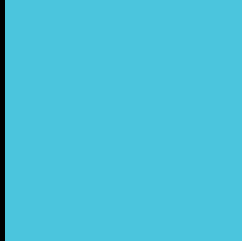
Large Text (above 18pt) WCAG AA × Fail

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, 34.229, 219.829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

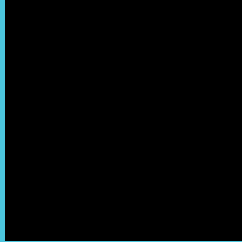
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 34.229, 219.829

Background



This preview shows how black text looks on a background with the CIELCh color 74, 34.229, 219.829.



This preview shows how white text looks on a background with the CIELCh color 74, 34.229, 219.829.

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

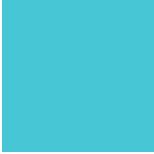
74, 34.229, 219.829

Protanopia

74, 16.306, 286.867

Deuteranopia

74, 26.590, 291.253



Tritanopia
74, 34.624, 211.722

Trichromacy



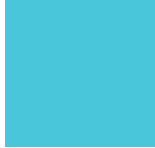
Original Color
74, 34.229, 219.829



Protanomaly
73, 20.599, 244.255



Deuteranomaly
73, 25.309, 258.489



Tritanomaly
74, 34.401, 214.735

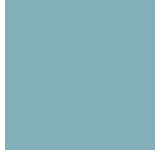
Monochromacy



Original Color
74, 34.229, 219.829



Achromatopsia
67, 0.008, 296.813



Achromatomaly
69, 15.632, 216.856

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 34.229, 219.829 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(75, 197, 221)` looks like.

```
.text, #text, p{  
    color:rgb(75, 197, 221)  
}
```

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(75, 197, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 197, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 34.229, 219.829 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(75, 197, 221) }
```

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

```
.border{ border-color:rgb(75, 197, 221) }
```

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

Here you see how a box with a 4 pixel rgb(75, 197, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 197, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 197, 221);  
box-shadow:4px 4px 4px 4px rgb(75, 197,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 34.229, 219.829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 197, 221) }
```

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

```
.background{ background-color: rgb(75, 197,  
221) }
```

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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