

Converting Colors

CIELCh(74, 33.183, 221.395)

Have a look what the booklet for
CIELCh(74, 33.183, 221.395)
contains.

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Color

CIELCh(74, 33.101, 221.787)

Conversions

Conversions Part 1

Format	Color
Hex	52C4DD
RGB	82, 196, 221
RGB Percent	32%, 77%, 87%
CMY	0.6766, 0.2299, 0.1318
CMYK	0.63, 0.11, 0.00, 0.13
HSL	191°, 67%, 60%
HSV	191°, 63%, 87%
XYZ	36.4456, 46.7039, 75.7669
YIQ	164.7640, -75.9690, -16.3930

Conversions

Conversions Part 2

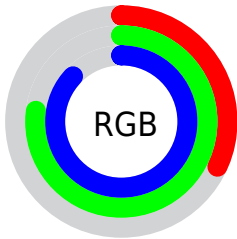
Format	Color
RYB	82, 145, 221
Decimal	5424349
CIELab	74.00, -24.68, -22.06
CIELCh	74, 33.101, 221.787
Yxy	46.7039, 0.2293, 0.2939
Android (android.graphics.Color)	4283614429 (0xFF52C4DD)
YUV	164.7640, 27.7243, -72.5840
Hunter-Lab	68.3403, -24.4021, -17.8949

Details

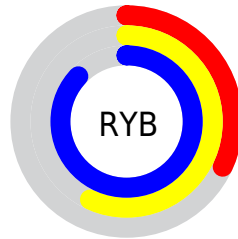
The CIELCh color **74, 33.101, 221.787** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **59, 54.965, 39.261**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 32.683, 199.234**, and **54, 31.652, 223.247** is the 20% darker color. If you saturate the color by 10%, you get **72, 35.788, 223.699**, and if you desaturate by 10%, it is **76, 29.568, 220.319**.

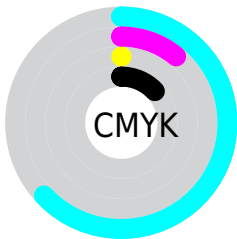
Distribution



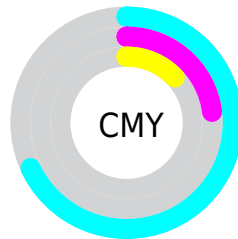
- Red (32%)
- Green (77%)
- Blue (87%)



- Red (32%)
- Yellow (57%)
- Blue (87%)



- Cyan (63%)
- Magenta (11%)
- Yellow (0%)
- Black (13%)





- Cyan (68%)
- Magenta (23%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 33.101, 221.787 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, 33.101, 221.787 by changing the saturation by 10% instead.


 74, 33.101,
221.787

 74, 33.101,
221.787


 100, 33.101,
221.787


 64, 33.101,
221.787


 94, 33.101,
221.787

 54, 33.101,
221.787

 44, 33.101,
221.787

 34, 33.101,
221.787

 24, 33.101,
221.787

 14, 33.101,
221.787

 4, 33.101, 221.787

■ 0, 33.101, 221.787

■ 74, 33.101,
221.787

■ 74, 33.101,
221.787

■ 72, 35.788,
223.699

■ 76, 29.568,
220.319

■ 71, 37.639,
226.136

■ 78, 25.241,
219.221

■ 69, 38.737,
229.160

■ 80, 20.203,
218.424

■ 68, 39.223,
231.657

■ 82, 14.558,
217.870

■ 85, 8.411, 217.522

■ 88, 1.862, 217.539

■ 90, 4.998, 36.988

■ 93, 10.459, 39.677

■ 94, 10.060, 53.369

Harmonies

Complementary

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



74, 33.101, 221.787



59, 54.965, 39.261

Rectangle

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



74, 33.101, 221.787



74, 33.101, 271.787



74, 33.101, 41.787



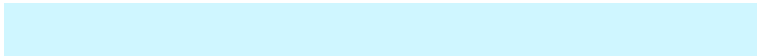
74, 33.101, 91.787

Sweetspot

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



74, 33.100, 221.786



95, 13.794, 217.722



79, 76.142, 143.265



50, 9.406, 217.838



0, 0.000, 0.000



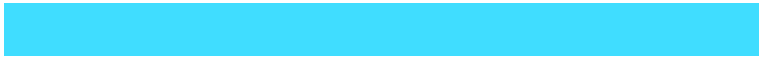
53, 0.007, 296.813

Same Dimension

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



74, 33.100, 221.786



82, 40.499, 224.335



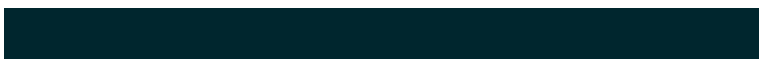
55, 53.651, 283.991



45, 3.749, 217.455



54, 32.663, 231.010



13, 13.114, 224.301

Inverse Universe

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



58, 74.098, 333.986



62, 92.975, 334.945



74, 53.220, 82.595



43, 7.063, 330.389



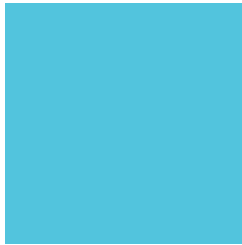
39, 75.279, 336.914



6, 30.446, 335.122

Previews

White Background



This preview shows how the CIELCh color 74, 33.101, 221.787 looks on a white background.

Color Contrast Check

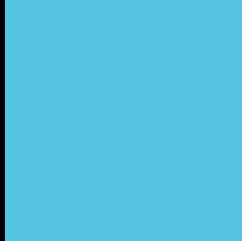
Large Text (above 18pt) WCAG AA × Fail

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, 33.101, 221.787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

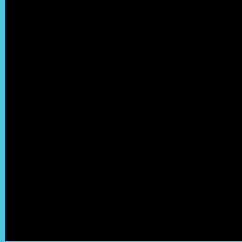
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 33.101, 221.787

Background



This preview shows how black text looks on a background with the CIELCh color 74, 33.101, 221.787.



This preview shows how white text looks on a background with the CIELCh color 74, 33.101, 221.787.

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

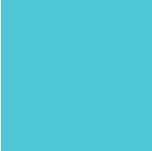
74, 33.101, 221.787

Protanopia

74, 16.845, 287.084

Deuteranopia

74, 26.590, 291.253



Tritanopia
74, 33.401, 212.349

Trichromacy



Original Color
74, 33.101, 221.787



Protanomaly
73, 20.728, 248.472



Deuteranomaly
73, 25.026, 259.610



Tritanomaly
74, 33.197, 216.498

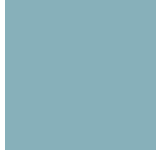
Monochromacy



Original Color
74, 33.101, 221.787



Achromatopsia
68, 0.008, 296.813



Achromatomaly
69, 14.878, 220.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 33.101, 221.787 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(82, 196, 221)` looks like.

```
.text, #text, p{  
    color:rgb(82, 196, 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(82, 196, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 196, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 33.101, 221.787 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(82, 196, 221) }
```

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

```
.border{ border-color:rgb(82, 196, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 196, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 196, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 196, 221);  
box-shadow:4px 4px 4px 4px rgb(82, 196,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 33.101, 221.787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 196, 221) }
```

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

```
.background{ background-color: rgb(82, 196,  
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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