

Converting Colors

CIELCh(74, 36.245, 221.303)

Have a look what the booklet for
CIELCh(74, 36.245, 221.303)
contains.

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Color

CIELCh(74, 36.324, 221.189)

Conversions

Conversions Part 1

Format	Color
Hex	3EC6E1
RGB	62, 198, 225
RGB Percent	24%, 78%, 88%
CMY	0.7583, 0.2245, 0.1187
CMYK	0.73, 0.12, 0.00, 0.12
HSL	190°, 73%, 56%
HSV	190°, 73%, 88%
XYZ	35.6525, 46.7039, 78.1824
YIQ	160.4140, -89.7230, -20.4350

Conversions

Conversions Part 2

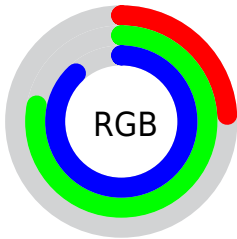
Format	Color
RYB	62, 136, 225
Decimal	4114145
CIELab	74.00, -27.34, -23.92
CIELCh	74, 36.324, 221.189
Yxy	46.7039, 0.2221, 0.2909
Android (android.graphics.Color)	4282304225 (0xFF3EC6E1)
YUV	160.4140, 31.8409, -86.3091
Hunter-Lab	68.3403, -26.4737, -19.9905

Details

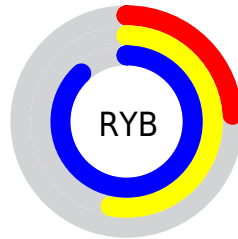
The CIELCh color **74, 36.324, 221.189** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **55, 66.840, 39.509**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 36.231, 197.196**, and **55, 32.158, 225.095** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.145, 223.390**, and if you desaturate by 10%, it is **76, 33.626, 219.472**.

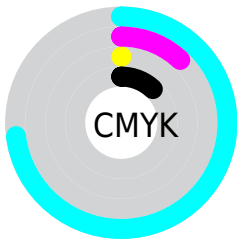
Distribution



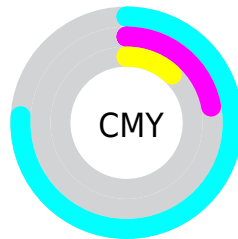
- Red (24%)
- Green (78%)
- Blue (88%)



- Red (24%)
- Yellow (53%)
- Blue (88%)



- Cyan (73%)
- Magenta (12%)
- Yellow (0%)
- Black (12%)





- Cyan (76%)
- Magenta (22%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 36.324, 221.189 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, 36.324, 221.189 by changing the saturation by 10% instead.


 74, 36.324,
221.189

 74, 36.324,
221.189


 100, 36.324,
221.189


 64, 36.324,
221.189


 94, 36.324,
221.189

 54, 36.324,
221.189

 44, 36.324,
221.189

 34, 36.324,
221.189

 24, 36.324,
221.189

 14, 36.324,
221.189

 4, 36.324, 221.189

0, 36.324, 221.189

74, 36.324,
221.189

74, 36.324,
221.189

73, 38.145,
223.390

76, 33.626,
219.472

71, 39.170,
226.139

77, 30.052,
218.168

70, 39.580,
228.482

79, 25.653,
217.206

82, 20.520,
216.522

84, 14.758,
216.065

86, 8.477, 215.801

■ 89, 1.783, 215.910

■ 91, 5.231, 35.408

■ 93, 9.315, 40.766

Harmonies

Complementary

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



74, 36.324, 221.189



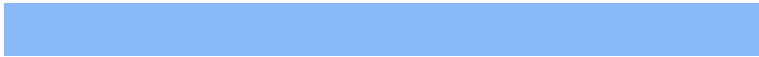
55, 66.840, 39.509

Rectangle

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



74, 36.324, 221.189



74, 36.324, 271.189



74, 36.324, 41.189



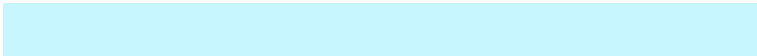
74, 36.324, 91.189

Sweetspot

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



74, 36.323, 221.188



94, 15.954, 216.050



79, 87.505, 141.330



49, 10.620, 216.153



0, 0.000, 0.000



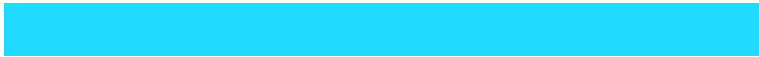
53, 0.007, 296.813

Same Dimension

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



74, 36.323, 221.188



81, 42.633, 224.703



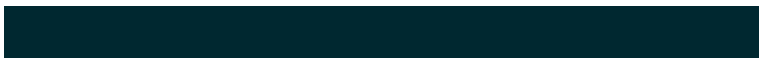
51, 61.892, 286.068



46, 3.855, 215.762



56, 32.961, 227.896



14, 13.594, 222.103

Inverse Universe

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



56, 83.477, 334.079



59, 99.644, 335.202



72, 61.276, 79.590



44, 7.272, 329.897



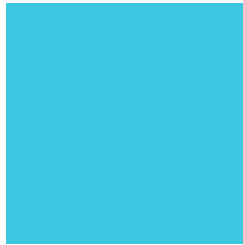
40, 76.925, 336.095



7, 32.122, 334.603

Previews

White Background



This preview shows how the CIE LCh color 74, 36.324, 221.189 looks on a white background.

Color Contrast Check

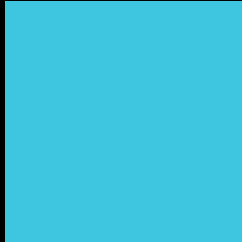
Large Text (above 18pt) WCAG AA × Fail

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, 36.324, 221.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

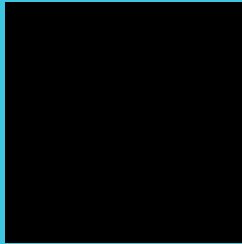
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 36.324, 221.189

Background



This preview shows how black text looks on a background with the CIELCh color 74, 36.324, 221.189.



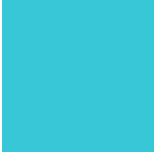
This preview shows how white text looks on a background with the CIELCh color 74, 36.324, 221.189.

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



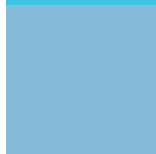


Tritanopia
74, 36.847, 210.672

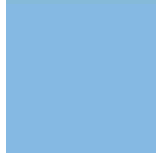
Trichromacy



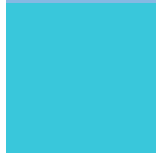
Original Color
74, 36.324, 221.189



Protanomaly
73, 23.122, 245.614



Deuteranomaly
73, 27.137, 256.437

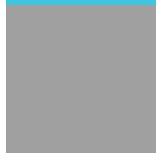


Tritanomaly
74, 36.657, 214.382

Monochromacy



Original Color
74, 36.324, 221.189



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 17.472, 216.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 36.324, 221.189 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(62, 198, 225)` looks like.

```
.text, #text, p{  
    color:rgb(62, 198, 225)  
}
```

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(62, 198, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 198, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 36.324, 221.189 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(62, 198, 225) }
```

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

```
.border{ border-color:rgb(62, 198, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 198, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 198, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 198, 225);  
box-shadow:4px 4px 4px 4px rgb(62, 198,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 36.324, 221.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 198, 225) }
```

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

```
.background{ background-color: rgb(62, 198,  
225) }
```

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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