

Converting Colors

CIELCh(74, 35.072, 205.924)

Have a look what the booklet for
CIELCh(74, 35.072, 205.924)
contains.

CIELCh(74, 35.072, 205.924)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 35.072, 205.924)

Conversions

Conversions Part 1

Format	Color
Hex	46C7D1
RGB	70, 199, 209
RGB Percent	27%, 78%, 82%
CMY	0.7259, 0.2199, 0.1807
CMYK	0.67, 0.05, 0.00, 0.18
HSL	184°, 60%, 55%
HSV	184°, 67%, 82%
XYZ	34.4190, 46.7039, 67.4656
YIQ	161.5690, -80.0940, -24.2380

Conversions

Conversions Part 2

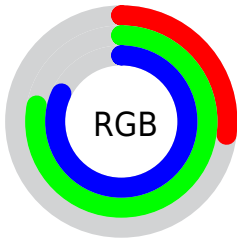
Format	Color
RYB	70, 137, 209
Decimal	4638673
CIELab	74.00, -31.54, -15.33
CIELCh	74, 35.072, 205.924
Yxy	46.7039, 0.2316, 0.3143
Android (android.graphics.Color)	4282828753 (0xFF46C7D1)
YUV	161.5690, 23.3835, -80.3060
Hunter-Lab	68.3403, -29.6955, -10.6930

Details

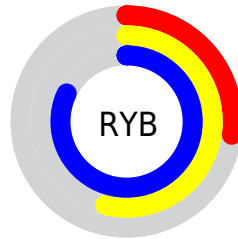
The CIELCh color **74, 35.072, 205.924** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **52, 60.018, 32.969**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 35.363, 197.247**, and **55, 31.832, 207.165** is the 20% darker color. If you saturate the color by 10%, you get **73, 37.341, 206.525**, and if you desaturate by 10%, it is **75, 31.881, 205.523**.

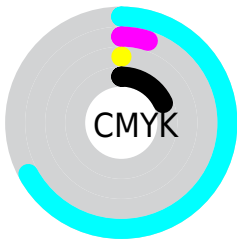
Distribution



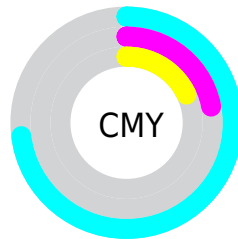
- Red (27%)
- Green (78%)
- Blue (82%)



- Red (27%)
- Yellow (54%)
- Blue (82%)



- Cyan (67%)
- Magenta (5%)
- Yellow (0%)
- Black (18%)





- Cyan (73%)
- Magenta (22%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 35.072, 205.924 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, 35.072, 205.924 by changing the saturation by 10% instead.


 74, 35.072,
205.924

 74, 35.072,
205.924


 100, 35.072,
205.924


 64, 35.072,
205.924


 94, 35.072,
205.924

 54, 35.072,
205.924

 44, 35.072,
205.924

 34, 35.072,
205.924

 24, 35.072,
205.924

 14, 35.072,
205.924

 4, 35.072, 205.924

0, 35.072, 205.924

74, 35.072,
205.924

74, 35.072,
205.924

73, 37.341,
206.525

75, 31.881,
205.523

72, 38.705,
207.354

76, 27.807,
205.301

72, 39.257,
208.423

78, 22.929,
205.231

72, 39.356,
208.823

79, 17.350,
205.291

81, 11.185,
205.464

83, 4.547, 205.778

■ 85, 2.457, 25.722

■ 87, 9.734, 26.253

■ 89, 16.087, 27.017

Harmonies

Complementary

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



74, 35.072, 205.924



52, 60.018, 32.969

Rectangle

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



74, 35.072, 205.924



74, 35.072, 255.924



74, 35.072, 25.924



74, 35.072, 75.924

Sweetspot

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



74, 35.071, 205.923



96, 15.712, 205.387



74, 81.395, 140.042



50, 10.617, 205.338



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, 35.071, 205.923



87, 44.217, 206.859



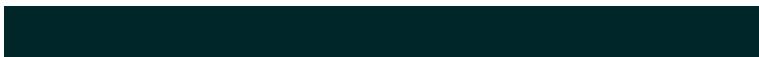
54, 46.746, 276.999



43, 3.918, 205.664



59, 33.544, 208.618



13, 13.020, 206.051

Inverse Universe

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



54, 79.384, 330.050



62, 103.362, 330.656



66, 51.654, 73.185



41, 7.325, 326.947



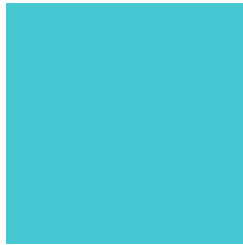
39, 80.047, 331.295



5, 29.452, 330.279

Previews

White Background



This preview shows how the CIELCh color 74, 35.072, 205.924 looks on a white background.

Color Contrast Check

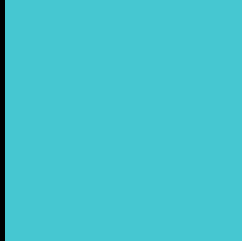
Large Text (above 18pt) WCAG AA × Fail

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, 35.072, 205.924 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

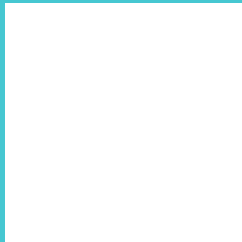
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 35.072, 205.924

Background



This preview shows how black text looks on a background with the CIELCh color 74, 35.072, 205.924.

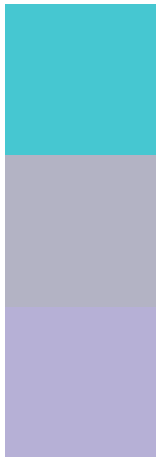


This preview shows how white text looks on a background with the CIELCh color 74, 35.072, 205.924.

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, 35.072, 205.924

Protanopia
73, 9.228, 291.066

Deuteranopia
73, 20.791, 297.827



Tritanopia
74, 34.331, 211.869

Trichromacy



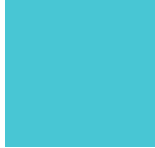
Original Color
74, 35.072, 205.924



Protanomaly
73, 17.330, 226.599



Deuteranomaly
73, 20.184, 247.967



Tritanomaly
74, 34.477, 209.889

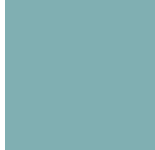
Monochromacy



Original Color
74, 35.072, 205.924



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 16.223, 204.001

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 35.072, 205.924 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(70, 199, 209)` looks like.

```
.text, #text, p{  
    color:rgb(70, 199, 209)  
}
```

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(70, 199, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 199, 209) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 35.072, 205.924 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(70, 199, 209) }
```

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

```
.border{ border-color:rgb(70, 199, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 199, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 199, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 199, 209);  
box-shadow:4px 4px 4px 4px rgb(70, 199,  
209) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 35.072, 205.924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 199, 209) }
```

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

```
.background{ background-color: rgb(70, 199,  
209) }
```

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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