

Converting Colors

CIELCh(74, 30.729, 178.912)

Have a look what the booklet for
CIELCh(74, 30.729, 178.912)
contains.

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Color

CIELCh(74, 30.355, 179.346)

Conversions

Conversions Part 1

Format	Color
Hex	6EC5B4
RGB	110, 197, 180
RGB Percent	43%, 77%, 71%
CMY	0.5675, 0.2263, 0.2930
CMYK	0.44, 0.00, 0.09, 0.23
HSL	168°, 43%, 60%
HSV	168°, 44%, 77%
XYZ	34.7649, 46.7039, 50.5128
YIQ	169.0490, -46.3950, -23.7310

Conversions

Conversions Part 2

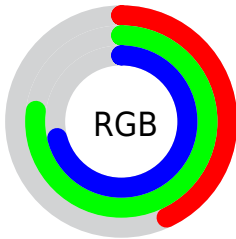
Format	Color
RYB	110, 158, 197
Decimal	7259572
CIELab	74.00, -30.35, 0.35
CIELCh	74, 30.355, 179.346
Yxy	46.7039, 0.2634, 0.3539
Android (android.graphics.Color)	4285449652 (0xFF6EC5B4)
YUV	169.0490, 5.3988, -51.7860
Hunter-Lab	68.3403, -28.7921, 4.0148

Details

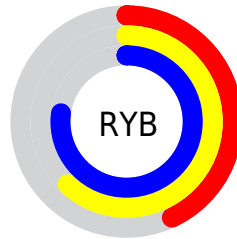
The CIELCh color $74, 30.355, 179.346$ is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be $57, 36.770, 9.275$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 30.270, 179.582$, and $54, 30.617, 178.837$ is the 20% darker color. If you saturate the color by 10%, you get $73, 35.862, 178.186$, and if you desaturate by 10%, it is $75, 24.201, 180.417$.

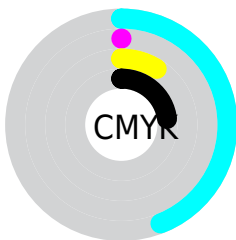
Distribution



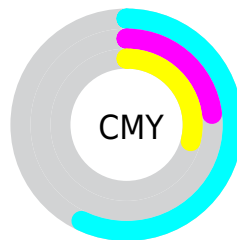
- Red (43%)
- Green (77%)
- Blue (71%)



- Red (43%)
- Yellow (62%)
- Blue (77%)



- Cyan (44%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (57%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 30.355, 179.346 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, 30.355, 179.346 by changing the saturation by 10% instead.


 74, 30.355,
179.346

 74, 30.355,
179.346

 100, 30.355,
179.346


 64, 30.355,
179.346


 94, 30.355,
179.346

 54, 30.355,
179.346

 44, 30.355,
179.346

 34, 30.355,
179.346

 24, 30.355,
179.346

 14, 30.355,
179.346

 4, 30.355, 179.346

■ 0, 30.355, 179.346

■ 74, 30.355,
179.346

■ 74, 30.355,
179.346

■ 73, 35.862,
178.186

■ 75, 24.201,
180.417

■ 72, 40.615,
176.921

■ 76, 17.519,
181.424

■ 72, 44.542,
175.526

■ 77, 10.437,
182.386

■ 72, 47.623,
173.978

■ 79, 3.072, 183.400

■ 71, 49.906,
172.264

■ 81, 4.472, 3.982

■ 82, 12.107, 4.880

■ 71, 51.016,
171.213

■ 84, 19.762, 5.695

■ 85, 22.611, 2.646

■ 85, 23.195,
357.857

Harmonies

Complementary

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



74, 30.355, 179.346



57, 36.770, 9.275

Rectangle

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



74, 30.355, 179.346



74, 30.355, 229.346



74, 30.355, 359.346



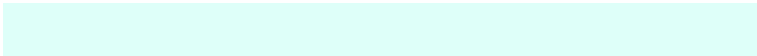
74, 30.355, 49.346

Sweetspot

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



74, 30.356, 179.344



98, 11.869, 182.472



73, 53.235, 136.312



52, 8.276, 182.259



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, 30.356, 179.344



92, 43.322, 178.221



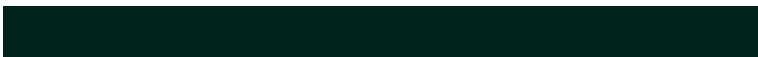
67, 23.283, 236.797



41, 4.254, 182.838



60, 44.167, 171.488



11, 15.147, 176.109

Inverse Universe

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



57, 36.770, 9.275



67, 54.894, 11.384



62, 30.856, 49.228



39, 4.416, 4.397



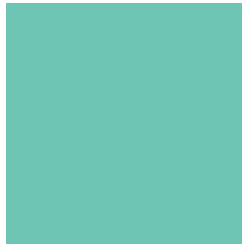
34, 66.423, 29.231



3, 16.169, 9.381

Previews

White Background



This preview shows how the CIE LCh color 74, 30.355, 179.346 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, 30.355, 179.346 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, 30.355, 179.346

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.355, 179.346.

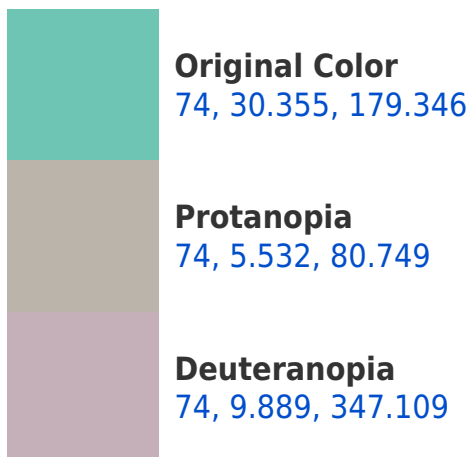


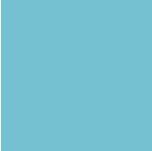
This preview shows how white text looks on a background with the CIELCh color 74, 30.355, 179.346.

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](#).

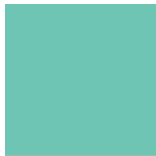
Dichromacy





Tritanopia
74, 24.506, 218.699

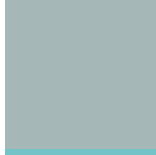
Trichromacy



Original Color
74, 30.355, 179.346



Protanomaly
73, 11.958, 165.510



Deuteranomaly
73, 6.532, 198.955

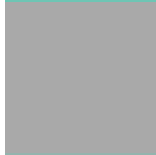


Tritanomaly
74, 25.388, 202.478

Monochromacy



Original Color
74, 30.355, 179.346



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 11.774, 182.244

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.355, 179.346 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(110, 197, 180)` looks like.

```
.text, #text, p{  
    color:rgb(110, 197, 180)  
}
```

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(110, 197, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 197, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.355, 179.346 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(110, 197, 180) }
```

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

```
.border{ border-color:rgb(110, 197, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 197, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 197, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 197, 180);  
box-shadow:4px 4px 4px 4px rgb(110, 197,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.355, 179.346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 197, 180) }
```

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

```
.background{ background-color: rgb(110,  
197, 180) }
```

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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