

Converting Colors

CIELCh(74, 30.841, 178.564)

Have a look what the booklet for
CIELCh(74, 30.841, 178.564)
contains.

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Color

CIELCh(74, 30.849, 178.540)

Conversions

Conversions Part 1

Format	Color
Hex	6DC5B3
RGB	109, 197, 179
RGB Percent	43%, 77%, 70%
CMY	0.5707, 0.2256, 0.2962
CMYK	0.45, 0.00, 0.09, 0.23
HSL	168°, 43%, 60%
HSV	168°, 45%, 77%
XYZ	34.6233, 46.7039, 50.0838
YIQ	168.6360, -46.6700, -24.2540

Conversions

Conversions Part 2

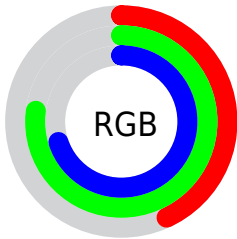
Format	Color
RYB	109, 158, 197
Decimal	7194035
CIELab	74.00, -30.84, 0.79
CIElCh	74, 30.849, 178.540
Yxy	46.7039, 0.2635, 0.3554
Android (android.graphics.Color)	4285384115 (0xFF6DC5B3)
YUV	168.6360, 5.1095, -52.3008
Hunter-Lab	68.3403, -29.1618, 4.3870

Details

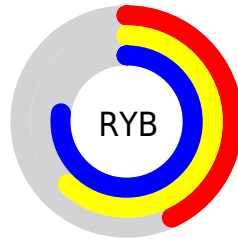
The CIELCh color **74, 30.849, 178.540** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **57, 37.236, 8.669**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.758, 178.830**, and **54, 31.088, 177.949** is the 20% darker color. If you saturate the color by 10%, you get **73, 36.391, 177.354**, and if you desaturate by 10%, it is **75, 24.660, 179.632**.

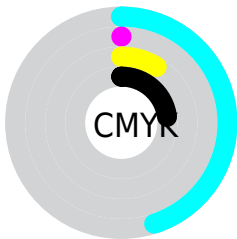
Distribution



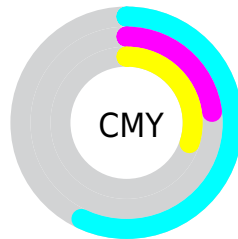
- Red (43%)
- Green (77%)
- Blue (70%)



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



- Cyan (45%)
- Magenta (0%)
- Yellow (9%)
- Black (23%)





- Cyan (57%)
- Magenta (23%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.849, 178.540 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, 30.849, 178.540 by changing the saturation by 10% instead.


 74, 30.849,
178.540


 74, 30.849,
178.540


 100, 30.849,
178.540


 64, 30.849,
178.540


 94, 30.849,
178.540

 54, 30.849,
178.540

 44, 30.849,
178.540

 34, 30.849,
178.540

 24, 30.849,
178.540

 14, 30.849,
178.540

 4, 30.849, 178.540

0, 30.849, 178.540

74, 30.849,
178.540

74, 30.849,
178.540

73, 36.391,
177.354

75, 24.660,
179.632

72, 41.179,
176.056

76, 17.945,
180.655

72, 45.143,
174.623

77, 10.830,
181.629

72, 48.264,
173.031

79, 3.435, 182.637

71, 50.593,
171.267

81, 4.137, 3.235

82, 11.796, 4.146

71, 51.658,
170.278

84, 19.472, 4.965

■ 85, 22.603, 1.971

■ 85, 23.244,
356.980

Harmonies

Complementary

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



74, 30.849, 178.540



57, 37.236, 8.669

Rectangle

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



74, 30.849, 178.540



74, 30.849, 228.540



74, 30.849, 358.540



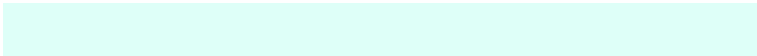
74, 30.849, 48.540

Sweetspot

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



74, 30.850, 178.538



98, 11.921, 181.761



73, 53.539, 135.838



52, 8.314, 181.545



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, 30.850, 178.538



92, 43.635, 177.447



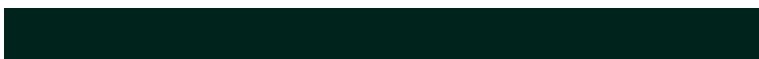
67, 23.420, 234.427



41, 4.272, 182.130



60, 44.683, 170.561



11, 15.280, 175.306

Inverse Universe

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



57, 37.236, 8.669



67, 54.890, 10.680



62, 31.446, 47.544



39, 4.430, 3.700



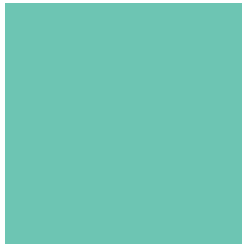
34, 66.032, 28.533



3, 16.195, 8.920

Previews

White Background



This preview shows how the CIE LCh color 74, 30.849, 178.540 looks on a white background.

Color Contrast Check

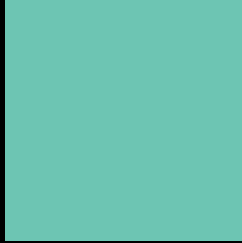
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 74, 30.849, 178.540 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, 30.849, 178.540

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.849, 178.540.

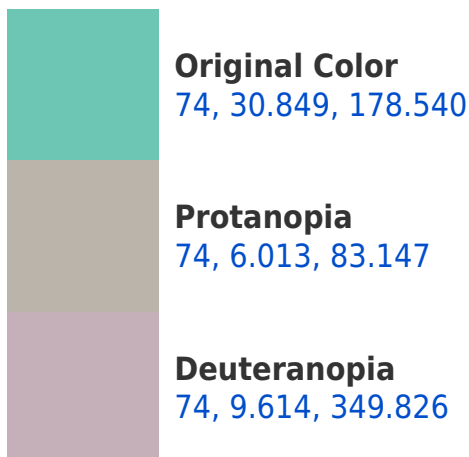


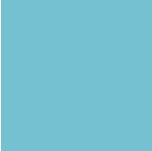
This preview shows how white text looks on a background with the CIELCh color 74, 30.849, 178.540.

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, 30.849, 178.540



Protanomaly
73, 12.284, 163.443



Deuteranomaly
73, 6.581, 194.205

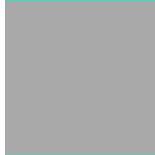


Tritanomaly
74, 25.437, 201.221

Monochromacy



Original Color
74, 30.849, 178.540



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 12.105, 182.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.849, 178.540 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(109, 197, 179)` looks like.

```
.text, #text, p{  
    color:rgb(109, 197, 179)  
}
```

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(109, 197, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 197, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.849, 178.540 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(109, 197, 179) }
```

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

```
.border{ border-color:rgb(109, 197, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 197, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 197, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 197, 179);  
box-shadow:4px 4px 4px 4px rgb(109, 197,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.849, 178.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 197, 179) }
```

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

```
.background{ background-color: rgb(109,  
197, 179) }
```

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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