

Converting Colors

CIELCh(74, 31.208, 178.092)

Have a look what the booklet for
CIELCh(74, 31.208, 178.092)
contains.

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Color

CIELCh(74, 31.340, 177.783)

Conversions

Conversions Part 1

Format	Color
Hex	6DC6B3
RGB	109, 198, 179
RGB Percent	43%, 78%, 70%
CMY	0.5739, 0.2248, 0.2993
CMYK	0.45, 0.00, 0.10, 0.22
HSL	167°, 44%, 60%
HSV	167°, 45%, 78%
XYZ	34.4846, 46.7039, 49.6700
YIQ	169.2230, -46.9450, -24.7770

Conversions

Conversions Part 2

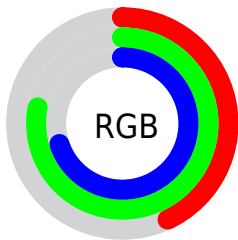
Format	Color
RYB	109, 159, 198
Decimal	7194291
CIELab	74.00, -31.32, 1.21
CIElCh	74, 31.340, 177.783
Yxy	46.7039, 0.2635, 0.3569
Android (android.graphics.Color)	4285384371 (0xFF6DC6B3)
YUV	169.2230, 4.8201, -52.8156
Hunter-Lab	68.3403, -29.5241, 4.7460

Details

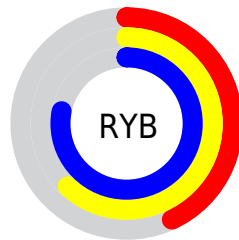
The CIELCh color **74, 31.340, 177.783** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 37.704, 8.104**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.238, 178.116**, and **54, 31.583, 177.137** is the 20% darker color. If you saturate the color by 10%, you get **73, 36.915, 176.573**, and if you desaturate by 10%, it is **75, 25.118, 178.895**.

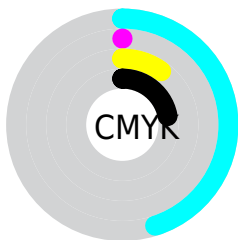
Distribution



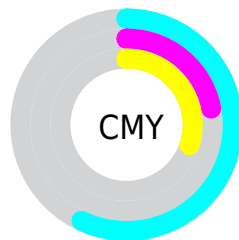
- Red (43%)
- Green (78%)
- Blue (70%)



- Red (43%)
- Yellow (62%)
- Blue (78%)



- Cyan (45%)
- Magenta (0%)
- Yellow (10%)
- Black (22%)





- Cyan (57%)
- Magenta (22%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 31.340, 177.783 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, 31.340, 177.783 by changing the saturation by 10% instead.


 74, 31.340,
177.783

 74, 31.340,
177.783


 100, 31.340,
177.783


 64, 31.340,
177.783


 94, 31.340,
177.783

 54, 31.340,
177.783

 44, 31.340,
177.783

 34, 31.340,
177.783

 24, 31.340,
177.783

 14, 31.340,
177.783

 4, 31.340, 177.783

■ 0, 31.340, 177.783

■ 74, 31.340,
177.783

■ 74, 31.340,
177.783

■ 73, 36.915,
176.573

■ 75, 25.118,
178.895

■ 73, 41.736,
175.245

■ 76, 18.371,
179.933

■ 72, 45.733,
173.776

■ 77, 11.225,
180.917

■ 72, 48.891,
172.144

■ 79, 3.800, 181.921

■ 71, 51.262,
170.336

■ 81, 3.799, 2.529

■ 82, 11.483, 3.454

■ 71, 52.275,
169.414

■ 84, 19.180, 4.277

■ 85, 22.593, 1.362

■ 85, 23.289,
356.182

Harmonies

Complementary

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



74, 31.340, 177.783



56, 37.704, 8.104

Rectangle

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



74, 31.340, 177.783



74, 31.340, 227.783



74, 31.340, 357.783



74, 31.340, 47.783

Sweetspot

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



74, 31.341, 177.781



97, 12.875, 180.996



73, 54.112, 135.808



52, 8.860, 180.784



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, 31.341, 177.781



92, 44.585, 176.599



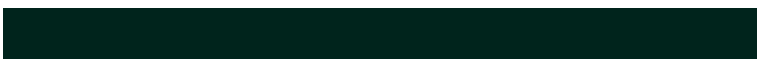
67, 23.638, 234.512



41, 4.289, 181.466



60, 45.177, 169.704



11, 15.407, 174.560

Inverse Universe

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



56, 37.704, 8.104



67, 55.942, 10.262



62, 31.856, 47.535



39, 4.445, 3.047



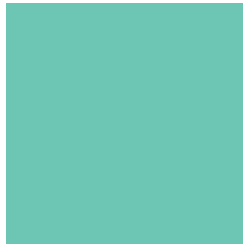
34, 65.671, 27.861



3, 16.220, 8.487

Previews

White Background



This preview shows how the CIELCh color 74, 31.340, 177.783 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, 31.340, 177.783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

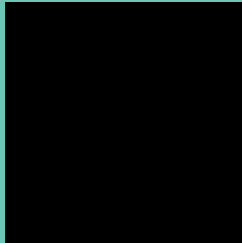
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

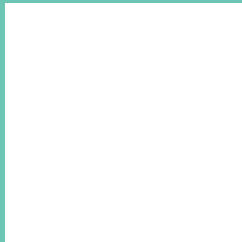
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 31.340, 177.783

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.340, 177.783.

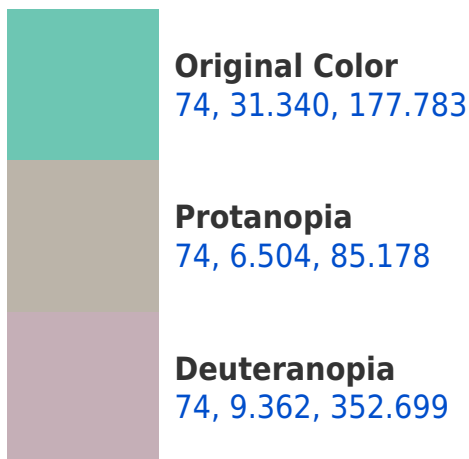


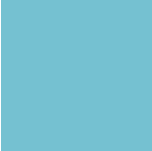
This preview shows how white text looks on a background with the CIELCh color 74, 31.340, 177.783.

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



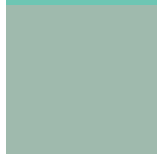


Tritanopia
74, 24.742, 218.477

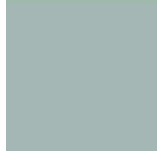
Trichromacy



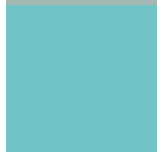
Original Color
74, 31.340, 177.783



Protanomaly
73, 12.284, 163.443



Deuteranomaly
73, 6.673, 189.555

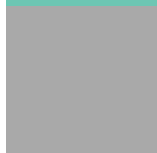


Tritanomaly
74, 25.692, 201.166

Monochromacy



Original Color
74, 31.340, 177.783



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, 31.340, 177.783 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, 198, 179)` looks like.

```
.text, #text, p{  
    color:rgb(109, 198, 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, 198, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 198, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.340, 177.783 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, 198, 179) }
```

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

```
.border{ border-color:rgb(109, 198, 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, 198, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 198, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 198, 179);  
box-shadow:4px 4px 4px 4px rgb(109, 198,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.340, 177.783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 198, 179) }
```

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

```
.background{ background-color: rgb(109,  
198, 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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