

Converting Colors

CIELCh(74, 30.433, 195.416)

Have a look what the booklet for
CIELCh(74, 30.433, 195.416)
contains.

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Color

CIELCh(74, 30.329, 196.120)

Conversions

Conversions Part 1

Format	Color
Hex	62C5C4
RGB	98, 197, 196
RGB Percent	38%, 77%, 77%
CMY	0.6143, 0.2261, 0.2300
CMYK	0.50, 0.00, 0.01, 0.23
HSL	179°, 46%, 58%
HSV	179°, 50%, 77%
XYZ	35.1209, 46.7039, 59.5890
YIQ	167.2850, -58.6830, -21.2990

Conversions

Conversions Part 2

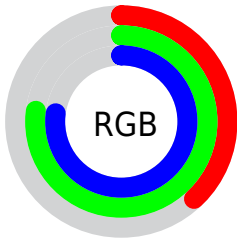
Format	Color
RYB	98, 148, 197
Decimal	6473156
CIELab	74.00, -29.14, -8.42
CIElCh	74, 30.329, 196.120
Yxy	46.7039, 0.2484, 0.3303
Android (android.graphics.Color)	4284663236 (0xFF62C5C4)
YUV	167.2850, 14.1565, -60.7629
Hunter-Lab	68.3403, -27.8622, -3.8595

Details

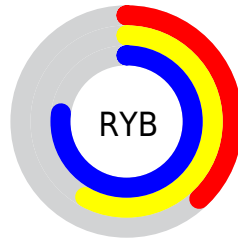
The CIELCh color **74, 30.329, 196.120** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 43.371, 24.399**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 30.243, 196.560**, and **54, 30.400, 195.470** is the 20% darker color. If you saturate the color by 10%, you get **73, 34.305, 195.767**, and if you desaturate by 10%, it is **75, 25.529, 196.522**.

Distribution



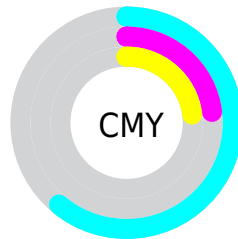
- Red (38%)
- Green (77%)
- Blue (77%)



- Red (38%)
- Yellow (58%)
- Blue (77%)



- Cyan (50%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)





- Cyan (61%)
- Magenta (23%)
- Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 30.329, 196.120 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, 30.329, 196.120 by changing the saturation by 10% instead.


 74, 30.329,
196.120


 74, 30.329,
196.120


 100, 30.329,
196.120


 64, 30.329,
196.120


 94, 30.329,
196.120

 54, 30.329,
196.120

 44, 30.329,
196.120

 34, 30.329,
196.120

 24, 30.329,
196.120

 14, 30.329,
196.120

 4, 30.329, 196.120

0, 30.329, 196.120

74, 30.329,
196.120

74, 30.329,
196.120

73, 34.305,
195.767

75, 25.529,
196.522

73, 37.400,
195.468

76, 19.995,
196.979

73, 39.599,
195.217

77, 13.838,
197.487

72, 40.946,
195.009

78, 7.172, 198.059

72, 41.630,
194.834

80, 0.113, 203.394

81, 7.239, 19.070

83, 14.790, 19.723

■ 85, 21.983, 20.306

■ 85, 21.975, 20.036

Harmonies

Complementary

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



74, 30.329, 196.120



54, 43.371, 24.399

Rectangle

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



74, 30.329, 196.120



74, 30.329, 246.120



74, 30.329, 16.120



74, 30.329, 66.120

Sweetspot

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



74, 30.329, 196.118



97, 12.867, 197.758



72, 63.411, 140.034



52, 8.724, 197.638



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, 30.329, 196.118



92, 41.929, 195.742



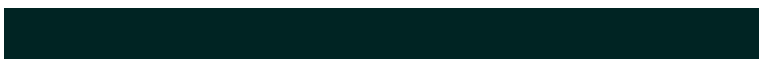
60, 30.195, 263.001



41, 4.038, 198.107



61, 36.154, 194.855



12, 13.058, 195.190

Inverse Universe

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



54, 43.371, 24.399



63, 65.473, 26.981



65, 35.484, 67.500



39, 4.278, 19.101



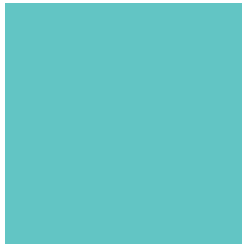
34, 74.234, 39.368



3, 15.887, 18.878

Previews

White Background



This preview shows how the CIE LCh color 74, 30.329, 196.120 looks on a white background.

Color Contrast Check

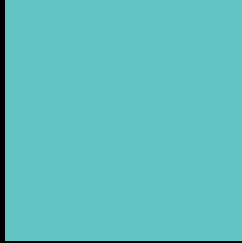
Large Text (above 18pt) WCAG AA × Fail

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, 30.329, 196.120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

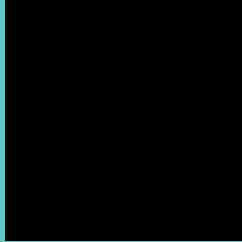
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

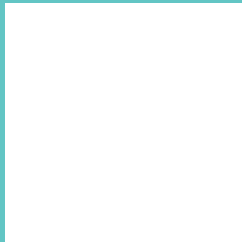
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 30.329, 196.120

Background



This preview shows how black text looks on a background with the CIELCh color 74, 30.329, 196.120.

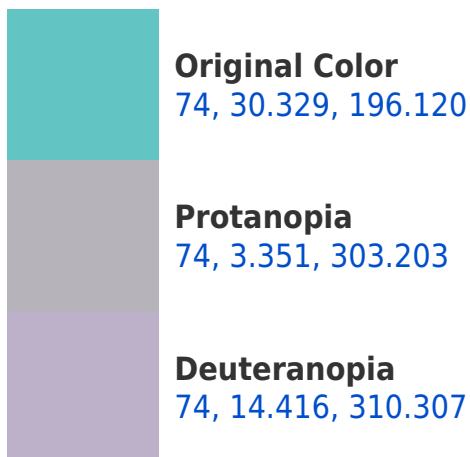


This preview shows how white text looks on a background with the CIELCh color 74, 30.329, 196.120.

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, 28.315, 215.515

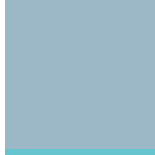
Trichromacy



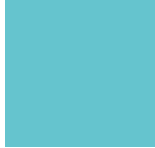
Original Color
74, 30.329, 196.120



Protanomaly
73, 12.030, 208.978



Deuteranomaly
73, 12.418, 239.994

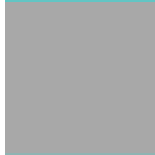


Tritanomaly
74, 28.785, 208.328

Monochromacy



Original Color
74, 30.329, 196.120



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 12.800, 195.930

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 30.329, 196.120 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(98, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(98, 197, 196)  
}
```

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(98, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 197, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 30.329, 196.120 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(98, 197, 196) }
```

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

```
.border{ border-color:rgb(98, 197, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(98, 197,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 30.329, 196.120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 197, 196) }
```

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

```
.background{ background-color: rgb(98, 197,  
196) }
```

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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