

Converting Colors

CIELCh(74, 29.899, 195.488)

Have a look what the booklet for
CIELCh(74, 29.899, 195.488)
contains.

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Color

CIELCh(74, 29.882, 196.137)

Conversions

Conversions Part 1

Format	Color
Hex	64C5C4
RGB	100, 197, 196
RGB Percent	39%, 77%, 77%
CMY	0.6073, 0.2269, 0.2308
CMYK	0.49, 0.00, 0.01, 0.23
HSL	179°, 46%, 58%
HSV	179°, 49%, 77%
XYZ	35.2479, 46.7039, 59.4628
YIQ	167.8830, -57.4910, -20.8750

Conversions

Conversions Part 2

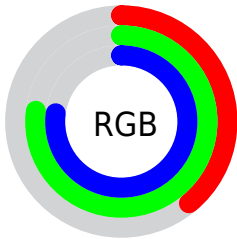
Format	Color
RYB	100, 149, 197
Decimal	6604228
CIELab	74.00, -28.70, -8.31
CIElCh	74, 29.882, 196.137
Yxy	46.7039, 0.2493, 0.3303
Android (android.graphics.Color)	4284794308 (0xFF64C5C4)
YUV	167.8830, 13.8617, -59.5334
Hunter-Lab	68.3403, -27.5305, -3.7500

Details

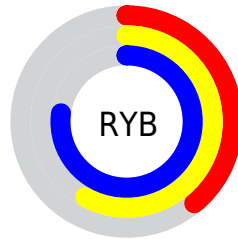
The CIELCh color **74, 29.882, 196.137** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **54, 42.395, 24.187**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.734, 196.575**, and **54, 30.034, 195.489** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.938, 195.777**, and if you desaturate by 10%, it is **75, 25.011, 196.545**.

Distribution



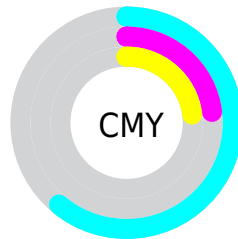
- Red (39%)
- Green (77%)
- Blue (77%)



- Red (39%)
- Yellow (58%)
- Blue (77%)



- Cyan (49%)
- Magenta (0%)
- Yellow (1%)
- Black (23%)




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 29.882, 196.137 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, 29.882, 196.137 by changing the saturation by 10% instead.

 74, 29.882,
196.137

 74, 29.882,
196.137

 100, 29.882,
196.137


 64, 29.882,
196.137


 94, 29.882,
196.137

 54, 29.882,
196.137

 44, 29.882,
196.137

 34, 29.882,
196.137

 24, 29.882,
196.137

 14, 29.882,
196.137

 4, 29.882, 196.137

0, 29.882, 196.137

74, 29.882,
196.137

74, 29.882,
196.137

73, 33.938,
195.777

75, 25.011,
196.545

73, 37.117,
195.472

76, 19.416,
197.008

73, 39.400,
195.215

77, 13.210,
197.521

72, 40.825,
195.001

78, 6.507, 198.103

72, 41.555,
194.819

80, 0.579, 17.651

81, 7.947, 19.120

72, 41.604,
194.805

83, 15.507, 19.769

■ 85, 22.065, 20.277

■ 85, 22.057, 20.003

Harmonies

Complementary

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



74, 29.882, 196.137



54, 42.395, 24.187

Rectangle

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



74, 29.882, 196.137



74, 29.882, 246.137



74, 29.882, 16.137



74, 29.882, 66.137

Sweetspot

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



74, 29.882, 196.135



97, 12.867, 197.741



72, 62.256, 140.135



52, 8.724, 197.621



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, 29.882, 196.135



92, 41.499, 195.754



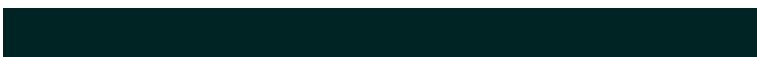
60, 29.626, 262.733



41, 4.038, 198.091



61, 36.159, 194.826



12, 13.059, 195.168

Inverse Universe

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



54, 42.395, 24.187



64, 64.253, 26.694



65, 34.701, 67.618



39, 4.278, 19.085



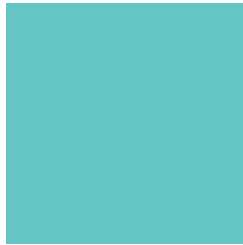
34, 74.226, 39.361



3, 15.887, 18.868

Previews

White Background



This preview shows how the CIELCh color 74, 29.882, 196.137 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, 29.882, 196.137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

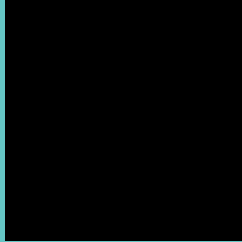
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

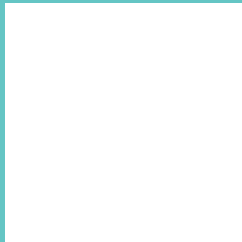
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 29.882, 196.137

Background



This preview shows how black text looks on a background with the CIELCh color 74, 29.882, 196.137.

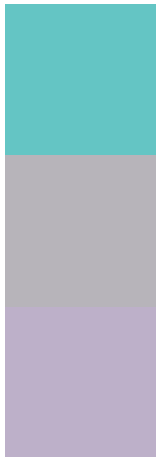


This preview shows how white text looks on a background with the CIELCh color 74, 29.882, 196.137.

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, 29.882, 196.137

Protanopia

74, 3.455, 309.175

Deuteranopia

74, 14.416, 310.307



Tritanopia
74, 27.891, 215.825

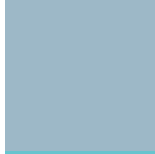
Trichromacy



Original Color
74, 29.882, 196.137



Protanomaly
73, 11.706, 209.295



Deuteranomaly
73, 12.173, 241.020

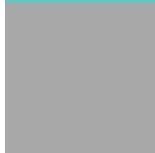


Tritanomaly
74, 28.349, 208.527

Monochromacy



Original Color
74, 29.882, 196.137



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, 29.882, 196.137 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(100, 197, 196)` looks like.

```
.text, #text, p{  
    color:rgb(100, 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(100, 197, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 197, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 29.882, 196.137 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(100, 197, 196) }
```

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

```
.border{ border-color:rgb(100, 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(100, 197, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 197, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 197, 196);  
box-shadow:4px 4px 4px 4px rgb(100, 197,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 29.882, 196.137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 197, 196) }
```

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

```
.background{ background-color: rgb(100,  
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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