

Converting Colors

CIELCh(74, 28.877, 203.841)

Have a look what the booklet for
CIELCh(74, 28.877, 203.841)
contains.

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Color

CIELCh(74, 28.877, 203.841)

Conversions

Conversions Part 1

Format	Color
Hex	65C4CA
RGB	101, 196, 202
RGB Percent	40%, 77%, 79%
CMY	0.6025, 0.2300, 0.2065
CMYK	0.50, 0.03, 0.00, 0.21
HSL	184°, 49%, 60%
HSV	184°, 50%, 79%
XYZ	35.9268, 46.7039, 63.2129
YIQ	168.2790, -58.5460, -18.2740

Conversions

Conversions Part 2

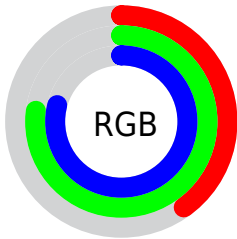
Format	Color
RYB	101, 150, 202
Decimal	6669514
CIELab	74.00, -26.41, -11.67
CIElCh	74, 28.877, 203.841
Yxy	46.7039, 0.2463, 0.3202
Android (android.graphics.Color)	4284859594 (0xFF65C4CA)
YUV	168.2790, 16.6245, -59.0037
Hunter-Lab	68.3403, -25.7572, -7.0034

Details

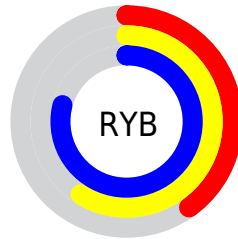
The CIELCh color **74, 28.877, 203.841** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56, 42.166, 28.921**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 29.000, 199.686**, and **54, 28.910, 203.732** is the 20% darker color. If you saturate the color by 10%, you get **73, 32.621, 204.008**, and if you desaturate by 10%, it is **75, 24.315, 203.811**.

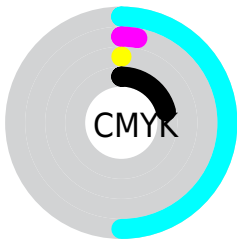
Distribution



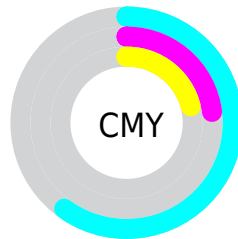
- Red (40%)
- Green (77%)
- Blue (79%)



- Red (40%)
- Yellow (59%)
- Blue (79%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (21%)





- Cyan (60%)
- Magenta (23%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 28.877, 203.841 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, 28.877, 203.841 by changing the saturation by 10% instead.


 74, 28.877,
203.841

 74, 28.877,
203.841


 100, 28.877,
203.841


 64, 28.877,
203.841


 94, 28.877,
203.841

 54, 28.877,
203.841

 44, 28.877,
203.841

 34, 28.877,
203.841

 24, 28.877,
203.841

 14, 28.877,
203.841

 4, 28.877, 203.841

■ 0, 28.877, 203.841

■ 74, 28.877,
203.841

■ 74, 28.877,
203.841

■ 73, 32.621,
204.008

■ 75, 24.315,
203.811

■ 72, 35.483,
204.338

■ 77, 19.029,
203.905

■ 71, 37.442,
204.848

■ 78, 13.129,
204.105

■ 71, 38.534,
205.556

■ 80, 6.728, 204.413

■ 70, 38.948,
206.441

■ 81, 0.067, 16.283

■ 70, 38.951,
206.450

■ 83, 7.158, 24.967

■ 85, 14.462, 25.428

■ 87, 18.705, 26.499

■ 87, 18.337, 28.516

Harmonies

Complementary

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



74, 28.877, 203.841



56, 42.166, 28.921

Rectangle

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



74, 28.877, 203.841



74, 28.877, 253.841



74, 28.877, 23.841



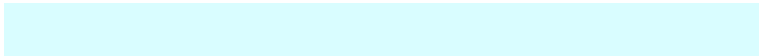
74, 28.877, 73.841

Sweetspot

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



74, 28.877, 203.839



97, 12.113, 204.234



74, 62.648, 141.663



51, 8.211, 204.172



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, 28.877, 203.839



90, 39.184, 204.031



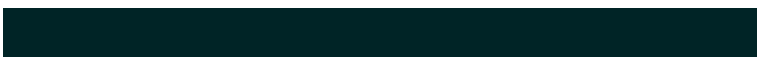
60, 33.388, 270.127



42, 3.884, 204.433



58, 33.617, 206.295



12, 12.693, 204.108

Inverse Universe

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



58, 61.872, 328.827



68, 86.917, 329.353



68, 36.818, 74.068



40, 7.239, 326.580



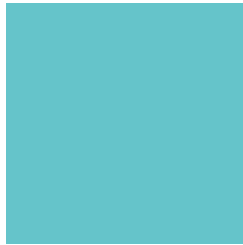
39, 79.931, 330.724



5, 27.688, 329.497

Previews

White Background



This preview shows how the CIELCh color 74, 28.877, 203.841 looks on a white background.

Color Contrast Check

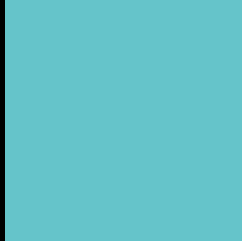
Large Text (above 18pt) WCAG AA × Fail

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, 28.877, 203.841 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, 28.877, 203.841

Background



This preview shows how black text looks on a background with the CIELCh color 74, 28.877, 203.841.

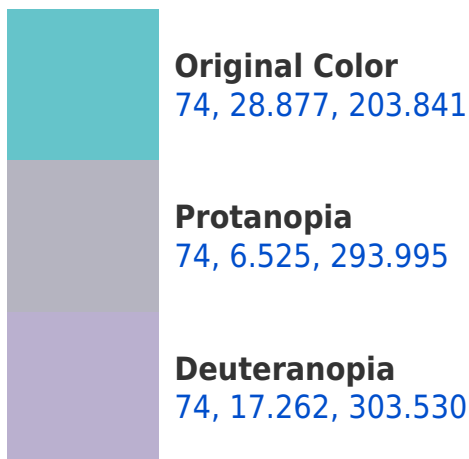


This preview shows how white text looks on a background with the CIELCh color 74, 28.877, 203.841.

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, 28.104, 215.668

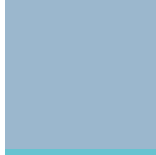
Trichromacy



Original Color
74, 28.877, 203.841



Protanomaly
73, 12.756, 223.900



Deuteranomaly
73, 14.990, 252.076

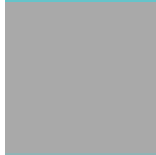


Tritanomaly
74, 28.170, 212.088

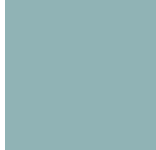
Monochromacy



Original Color
74, 28.877, 203.841



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 12.362, 203.553

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 28.877, 203.841 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(101, 196, 202)` looks like.

```
.text, #text, p{  
    color:rgb(101, 196, 202)  
}
```

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(101, 196, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 196, 202) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 28.877, 203.841 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(101, 196, 202) }
```

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

```
.border{ border-color:rgb(101, 196, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 196, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(101, 196, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(101, 196, 202); box-shadow:4px 4px 4px 4px rgb(101, 196, 202) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 28.877, 203.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 196, 202) }
```

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

```
.background{ background-color: rgb(101,  
196, 202) }
```

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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