

Converting Colors

CIELCh(74, 32.004, 168.969)

Have a look what the booklet for
CIELCh(74, 32.004, 168.969)
contains.

CIELCh(74, 31.628, 169.428)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 31.628, 169.428)

Conversions

Conversions Part 1

Format	Color
Hex	74C5AA
RGB	116, 197, 170
RGB Percent	45%, 77%, 67%
CMY	0.5440, 0.2263, 0.3323
CMYK	0.41, 0.00, 0.14, 0.23
HSL	160°, 41%, 61%
HSV	160°, 41%, 77%
XYZ	34.5501, 46.7039, 45.3583
YIQ	169.7030, -39.6090, -25.5690

Conversions

Conversions Part 2

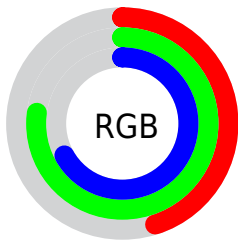
Format	Color
RYB	116, 165, 197
Decimal	7652778
CIELab	74.00, -31.09, 5.80
CIElCh	74, 31.628, 169.428
Yxy	46.7039, 0.2729, 0.3689
Android (android.graphics.Color)	4285842858 (0xFF74C5AA)
YUV	169.7030, 0.1464, -47.0975
Hunter-Lab	68.3403, -29.3532, 8.4867

Details

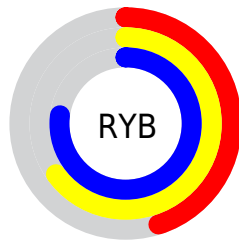
The CIELCh color **74, 31.628, 169.428** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **58, 35.209, 358.580**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 31.767, 169.322**, and **54, 31.828, 169.408** is the 20% darker color. If you saturate the color by 10%, you get **73, 38.350, 168.111**, and if you desaturate by 10%, it is **75, 24.388, 170.616**.

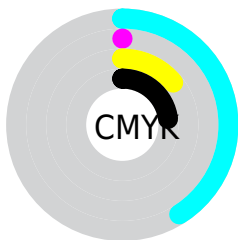
Distribution



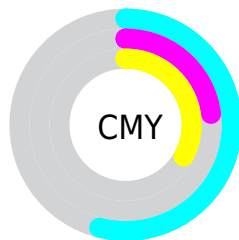
- Red (45%)
- Green (77%)
- Blue (67%)



- Red (45%)
- Yellow (65%)
- Blue (77%)



- Cyan (41%)
- Magenta (0%)
- Yellow (14%)
- Black (23%)





- Cyan (54%)
- Magenta (23%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 31.628, 169.428 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, 31.628, 169.428 by changing the saturation by 10% instead.


 74, 31.628,
169.428

 74, 31.628,
169.428


 100, 31.628,
169.428


 64, 31.628,
169.428


 94, 31.628,
169.428

 54, 31.628,
169.428

 44, 31.628,
169.428

 34, 31.628,
169.428

 24, 31.628,
169.428

 14, 31.628,
169.428

 4, 31.628, 169.428

0, 31.628, 169.428

74, 31.628,
169.428

74, 31.628,
169.428

73, 38.350,
168.111

75, 24.388,
170.616

72, 44.425,
166.645

76, 16.761,
171.704

72, 49.752,
165.004

78, 8.878, 172.721

71, 54.274,
163.167

79, 0.851, 174.131

81, 7.223, 354.384

71, 58.001,
161.125

83, 15.268,
355.226

71, 60.821,
159.191

85, 23.227,
356.001

■ 85, 24.888,
348.947

■ 86, 26.721,
342.568

Harmonies

Complementary

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



74, 31.628, 169.428



58, 35.209, 358.580

Rectangle

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



74, 31.628, 169.428



74, 31.628, 219.428



74, 31.628, 349.428



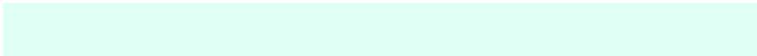
74, 31.628, 39.428

Sweetspot

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



74, 31.629, 169.427



98, 11.853, 172.609



74, 47.484, 132.172



52, 7.855, 172.476



0, 0.000, 0.000



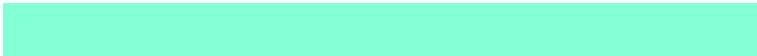
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 31.629, 169.427



92, 45.493, 168.292



71, 22.658, 214.983



41, 4.586, 172.889



59, 52.540, 159.528



11, 17.286, 165.360

Inverse Universe

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



58, 35.209, 358.580



70, 51.743, 0.146



61, 30.720, 34.955



39, 4.697, 354.504



34, 61.746, 17.456



4, 16.669, 2.521

Previews

White Background



This preview shows how the CIE LCh color 74, 31.628, 169.428 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, 31.628, 169.428 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, 31.628, 169.428

Background



This preview shows how black text looks on a background with the CIELCh color 74, 31.628, 169.428.

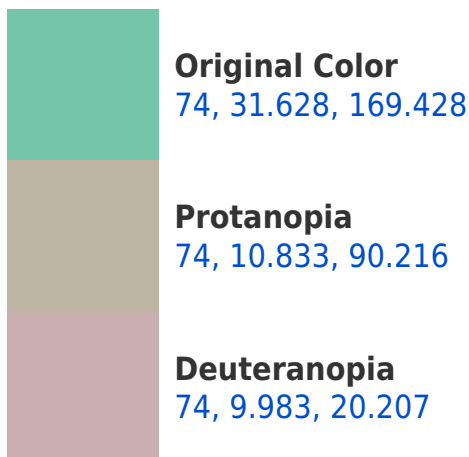


This preview shows how white text looks on a background with the CIELCh color 74, 31.628, 169.428.

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, 22.207, 219.597

Trichromacy



Original Color
74, 31.628, 169.428

Protanomaly
73, 14.802, 144.893

Deuteranomaly
73, 7.320, 151.208

Tritanomaly
74, 23.529, 197.637

Monochromacy



Original Color
74, 31.628, 169.428

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 12.364, 172.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 31.628, 169.428 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(116, 197, 170)` looks like.

```
.text, #text, p{  
    color:rgb(116, 197, 170)  
}
```

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(116, 197, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 197, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 31.628, 169.428 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(116, 197, 170) }
```

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

```
.border{ border-color:rgb(116, 197, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 197, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 197, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 197, 170);  
box-shadow:4px 4px 4px 4px rgb(116, 197,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 31.628, 169.428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 197, 170) }
```

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

```
.background{ background-color: rgb(116,  
197, 170) }
```

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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