

Converting Colors

CIELCh(74, 58.182, 150.427)

Have a look what the booklet for
CIELCh(74, 58.182, 150.427)
contains.

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Color

CIELCh(74, 58.061, 150.466)

Conversions

Conversions Part 1

Format	Color
Hex	55CC7F
RGB	85, 204, 127
RGB Percent	33%, 80%, 50%
CMY	0.6662, 0.1996, 0.5016
CMYK	0.58, 0.00, 0.38, 0.20
HSL	141°, 54%, 57%
HSV	141°, 58%, 80%
XYZ	29.2091, 46.7039, 27.5852
YIQ	159.6410, -46.2070, -49.1750

Conversions

Conversions Part 2

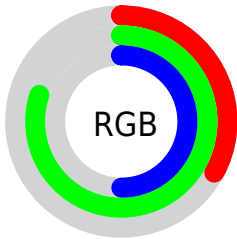
Format	Color
RYB	85, 173, 204
Decimal	5622911
CIELab	74.00, -50.52, 28.62
CIELCh	74, 58.061, 150.466
Yxy	46.7039, 0.2822, 0.4513
Android (android.graphics.Color)	4283812991 (0xFF55CC7F)
YUV	159.6410, -16.0920, -65.4602
Hunter-Lab	68.3403, -43.3033, 23.9061

Details

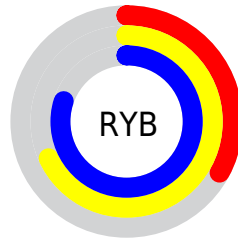
The CIELCh color **74, 58.061, 150.466** is a dark color, and the websafe version is hex **66CC66**. The color can be described as middle muted spring green. A complement of this color would be **54, 58.648, 341.689**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **92, 54.380, 151.258**, and **54, 58.114, 150.426** is the 20% darker color. If you saturate the color by 10%, you get **73, 66.397, 148.870**, and if you desaturate by 10%, it is **75, 48.962, 151.869**.

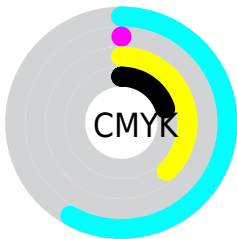
Distribution



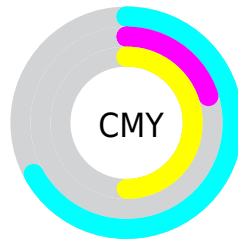
- Red (33%)
- Green (80%)
- Blue (50%)



- Red (33%)
- Yellow (68%)
- Blue (80%)



- Cyan (58%)
- Magenta (0%)
- Yellow (38%)
- Black (20%)



- Cyan (67%)
- Magenta (20%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 58.061, 150.466 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, 58.061, 150.466 by changing the saturation by 10% instead.

 74, 58.061,
150.466

 74, 58.061,
150.466

 100, 58.061,
150.466

 64, 58.061,
150.466

 94, 58.061,
150.466

 54, 58.061,
150.466

 44, 58.061,
150.466

 34, 58.061,
150.466

 24, 58.061,
150.466

 14, 58.061,
150.466

 4, 58.061, 150.466

0, 58.061, 150.466

74, 58.061,
150.466

74, 58.061,
150.466

73, 66.397,
148.870

75, 48.962,
151.869

73, 73.817,
147.079

76, 39.280,
153.094

72, 80.225,
145.114

77, 29.205,
154.163

72, 85.628,
143.057

79, 18.912,
155.101

72, 86.483,
142.729

81, 8.553, 155.941

82, 1.749, 336.413

84, 11.900,

337.231

■ 87, 21.834,
337.819

■ 88, 28.258,
330.988

Harmonies

Complementary

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



74, 58.061, 150.466



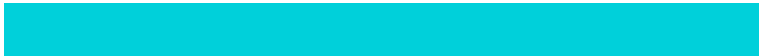
54, 58.648, 341.689

Rectangle

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



74, 58.061, 150.466



74, 58.061, 200.466



74, 58.061, 330.466



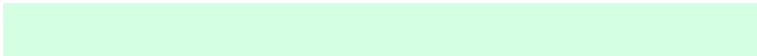
74, 58.061, 20.466

Sweetspot

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



74, 58.062, 150.466



96, 21.043, 155.196



77, 62.452, 120.751



51, 14.078, 155.016



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, 58.062, 150.466



89, 80.926, 148.421



75, 37.620, 181.705



42, 5.845, 155.851



59, 73.525, 143.067



12, 23.840, 149.974

Inverse Universe

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



54, 58.648, 341.689



62, 80.016, 343.366



52, 50.720, 16.059



40, 5.883, 337.141



36, 64.902, 348.735



4, 21.829, 344.073

Previews

White Background



This preview shows how the CIELCh color 74, 58.061, 150.466 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, 58.061, 150.466 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, 58.061, 150.466

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.061, 150.466.

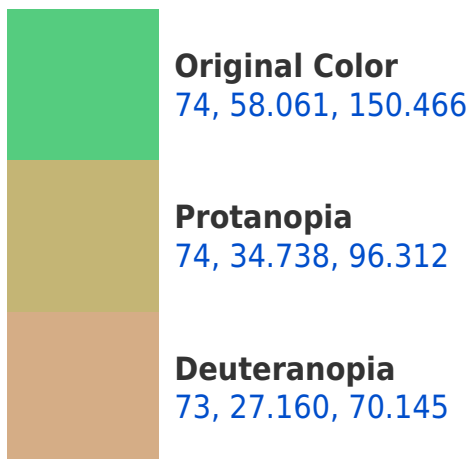


This preview shows how white text looks on a background with the CIELCh color 74, 58.061, 150.466.

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, 26.797, 216.682

Trichromacy



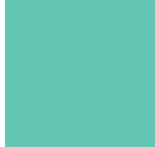
Original Color
74, 58.061, 150.466



Protanomaly
73, 38.512, 126.869



Deuteranomaly
72, 29.310, 121.721



Tritanomaly
74, 33.221, 179.727

Monochromacy



Original Color
74, 58.061, 150.466



Achromatopsia
66, 0.008, 296.813



Achromatomaly
68, 22.442, 154.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.061, 150.466 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(85, 204, 127)` looks like.

```
.text, #text, p{  
    color:rgb(85, 204, 127)  
}
```

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(85, 204, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 204, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.061, 150.466 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(85, 204, 127) }
```

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

```
.border{ border-color:rgb(85, 204, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 204, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 204, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 204, 127);  
box-shadow:4px 4px 4px 4px rgb(85, 204,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.061, 150.466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 204, 127) }
```

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

```
.background{ background-color: rgb(85, 204,  
127) }
```

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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