

Converting Colors

CIELCh(74, 58.061, 159.512)

Have a look what the booklet for
CIELCh(74, 58.061, 159.512)
contains.

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Color

CIELCh(74, 58.020, 159.646)

Conversions

Conversions Part 1

Format	Color
Hex	30CE8F
RGB	48, 206, 143
RGB Percent	19%, 81%, 56%
CMY	0.8123, 0.1925, 0.4395
CMYK	0.77, 0.00, 0.31, 0.19
HSL	156°, 62%, 50%
HSV	156°, 77%, 81%
XYZ	28.2129, 46.7039, 33.4806
YIQ	151.5760, -73.9450, -53.0890

Conversions

Conversions Part 2

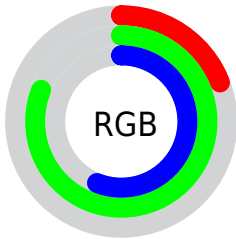
Format	Color
RYB	48, 147, 206
Decimal	3198607
CIELab	74.00, -54.40, 20.18
CIELCh	74, 58.020, 159.646
Yxy	46.7039, 0.2603, 0.4309
Android (android.graphics.Color)	4281388687 (0xFF30CE8F)
YUV	151.5760, -4.2280, -90.8362
Hunter-Lab	68.3403, -45.9054, 18.7914

Details

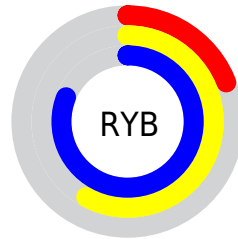
The CIELCh color **74, 58.020, 159.646** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **47, 64.531, 2.235**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 53.279, 161.954**, and **55, 52.477, 156.034** is the 20% darker color. If you saturate the color by 10%, you get **74, 62.798, 157.618**, and if you desaturate by 10%, it is **75, 52.406, 161.461**.

Distribution



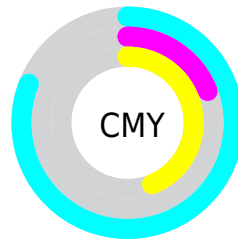
- Red (19%)
- Green (81%)
- Blue (56%)



- Red (19%)
- Yellow (58%)
- Blue (81%)



- Cyan (77%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 58.020, 159.646 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, 58.020, 159.646 by changing the saturation by 10% instead.


 74, 58.020,
159.646

 74, 58.020,
159.646


 100, 58.020,
159.646

 64, 58.020,
159.646

 94, 58.020,
159.646

 54, 58.020,
159.646

 44, 58.020,
159.646

 34, 58.020,
159.646

 24, 58.020,
159.646

 14, 58.020,
159.646

 4, 58.020, 159.646

■ 0, 58.020, 159.646

■ 74, 58.020,
159.646

■ 74, 58.020,
159.646

■ 74, 62.798,
157.618

■ 75, 52.406,
161.461

■ 73, 66.798,
155.397

■ 75, 45.985,
163.076

■ 73, 68.016,
154.682

■ 76, 38.848,
164.511

■ 77, 31.125,
165.791

■ 79, 22.960,
166.943

■ 80, 14.497,
167.991

■ 82, 5.865, 168.983

■ 83, 2.826, 349.616

■ 85, 11.485,
350.543

Harmonies

Complementary

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



74, 58.020, 159.646



47, 64.531, 2.235

Rectangle

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



74, 58.020, 159.646



74, 58.020, 209.646



74, 58.020, 339.646



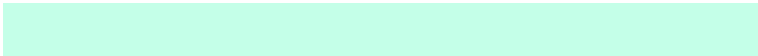
74, 58.020, 29.646

Sweetspot

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



74, 58.020, 159.646



96, 23.557, 167.317



75, 83.940, 129.585



50, 16.246, 166.922



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, 58.020, 159.646



89, 76.873, 156.217



71, 36.061, 210.903



42, 4.885, 168.720



60, 57.473, 155.068



12, 19.380, 160.779

Inverse Universe

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



47, 64.531, 2.235



55, 83.035, 8.859



48, 68.715, 36.718



40, 4.979, 350.300



35, 61.396, 11.340



4, 19.081, 359.614

Previews

White Background



This preview shows how the CIELCh color 74, 58.020, 159.646 looks on a white background.

Color Contrast Check

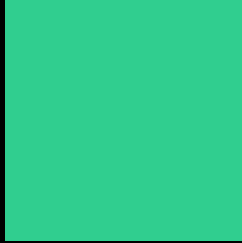
Large Text (above 18pt) WCAG AA × Fail

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, 58.020, 159.646 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, 58.020, 159.646

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.020, 159.646.

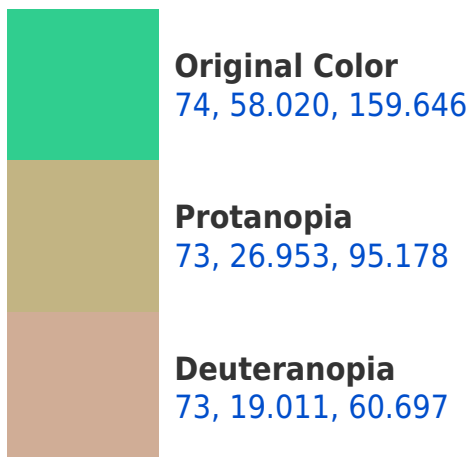


This preview shows how white text looks on a background with the CIELCh color 74, 58.020, 159.646.

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, 32.711, 212.730

Trichromacy



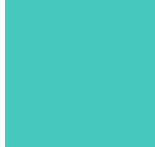
Original Color
74, 58.020, 159.646



Protanomaly
72, 34.539, 139.739



Deuteranomaly
72, 24.651, 141.135



Tritanomaly
74, 38.140, 186.672

Monochromacy



Original Color
74, 58.020, 159.646



Achromatopsia
62, 0.008, 296.813



Achromatomaly
66, 24.775, 166.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.020, 159.646 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(48, 206, 143)` looks like.

```
.text, #text, p{  
    color:rgb(48, 206, 143)  
}
```

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(48, 206, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 206, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.020, 159.646 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(48, 206, 143) }
```

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

```
.border{ border-color:rgb(48, 206, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(48, 206, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 206, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 206, 143);  
box-shadow:4px 4px 4px 4px rgb(48, 206,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.020, 159.646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 206, 143) }
```

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

```
.background{ background-color: rgb(48, 206,  
143) }
```

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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