

Converting Colors

CIELCh(74, 70.179, 146.821)

Have a look what the booklet for
CIELCh(74, 70.179, 146.821)
contains.

CIELCh(74, 70.181, 146.902)	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, 70.181, 146.902)

Conversions

Conversions Part 1

Format	Color
Hex	41CF6C
RGB	65, 207, 108
RGB Percent	25%, 81%, 42%
CMY	0.7462, 0.1891, 0.5773
CMYK	0.69, 0.00, 0.48, 0.19
HSL	138°, 60%, 53%
HSV	138°, 69%, 81%
XYZ	27.1120, 46.7039, 21.7140
YIQ	153.2560, -52.8530, -60.8930

Conversions

Conversions Part 2

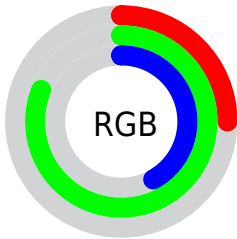
Format	Color
RYB	65, 174, 207
Decimal	4312940
CIELab	74.00, -58.79, 38.32
CIELCh	74, 70.181, 146.902
Yxy	46.7039, 0.2838, 0.4889
Android (android.graphics.Color)	4282503020 (0xFF41CF6C)
YUV	153.2560, -22.3112, -77.4005
Hunter-Lab	68.3403, -48.7809, 28.9998

Details

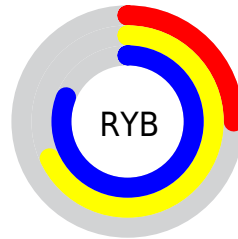
The CIELCh color **74, 70.181, 146.902** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **51, 69.033, 340.320**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 64.694, 147.887**, and **54, 66.641, 144.404** is the 20% darker color. If you saturate the color by 10%, you get **73, 77.927, 145.151**, and if you desaturate by 10%, it is **75, 61.437, 148.474**.

Distribution



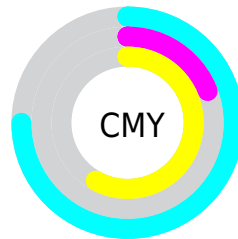
- Red (25%)
- Green (81%)
- Blue (42%)



- Red (25%)
- Yellow (68%)
- Blue (81%)



- Cyan (69%)
- Magenta (0%)
- Yellow (48%)
- Black (19%)





- Cyan (75%)
- Magenta (19%)
- Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 70.181, 146.902 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, 70.181, 146.902 by changing the saturation by 10% instead.


 74, 70.181,
146.902


 74, 70.181,
146.902


 100, 70.181,
146.902


 64, 70.181,
146.902


 94, 70.181,
146.902

 54, 70.181,
146.902

 44, 70.181,
146.902

 34, 70.181,
146.902

 24, 70.181,
146.902

 14, 70.181,
146.902

 4, 70.181, 146.902

■ 0, 70.181, 146.902

■ 74, 70.181,
146.902

■ 74, 70.181,
146.902

■ 73, 77.927,
145.151

■ 75, 61.437,
148.474

■ 73, 84.547,
143.254

■ 76, 51.872,
149.858

■ 73, 90.021,
141.315

■ 77, 41.689,
151.067

■ 73, 90.671,
141.084

■ 78, 31.094,
152.117

■ 80, 20.279,
153.033

■ 81, 9.404, 153.846

■ 83, 1.399, 334.254

■ 85, 12.033,
335.087

■ 88, 22.429,
335.644

Harmonies

Complementary

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



74, 70.181, 146.902



51, 69.033, 340.320

Rectangle

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



74, 70.181, 146.902



74, 70.181, 196.902



74, 70.181, 326.902



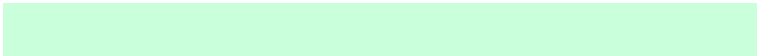
74, 70.181, 16.902

Sweetspot

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



74, 70.182, 146.902



96, 26.995, 152.811



78, 71.495, 118.428



50, 18.270, 152.559



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, 70.182, 146.902



89, 94.767, 144.351



75, 44.317, 175.867



43, 6.188, 153.790



60, 77.245, 141.393



13, 26.020, 147.746

Inverse Universe

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



51, 69.033, 340.320



59, 89.208, 342.254



49, 59.654, 15.431



41, 6.220, 335.028



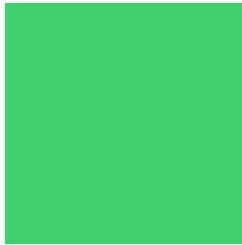
37, 67.571, 344.972



5, 24.642, 341.122

Previews

White Background



This preview shows how the CIELCh color 74, 70.181, 146.902 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, 70.181, 146.902 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, 70.181, 146.902

Background



This preview shows how black text looks on a background with the CIELCh color 74, 70.181, 146.902.

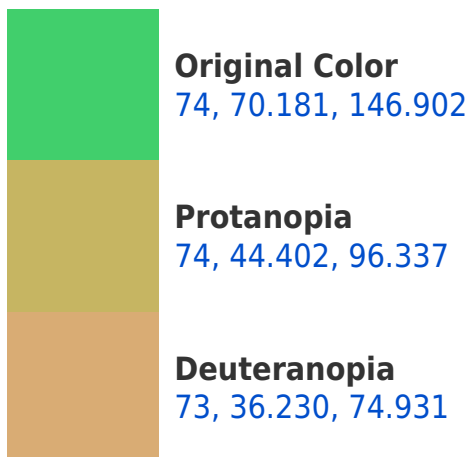


This preview shows how white text looks on a background with the CIELCh color 74, 70.181, 146.902.

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



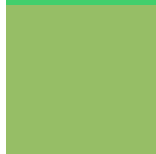


Tritanopia
74, 29.140, 214.936

Trichromacy



Original Color
74, 70.181, 146.902



Protanomaly
72, 48.962, 125.272



Deuteranomaly
72, 39.349, 120.366



Tritanomaly
73, 38.357, 174.877

Monochromacy



Original Color
74, 70.181, 146.902



Achromatopsia
63, 0.008, 296.813



Achromatomaly
66, 28.057, 152.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 70.181, 146.902 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(65, 207, 108)` looks like.

```
.text, #text, p{  
    color:rgb(65, 207, 108)  
}
```

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(65, 207, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 207, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 70.181, 146.902 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(65, 207, 108) }
```

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

```
.border{ border-color:rgb(65, 207, 108) }
```

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

Here you see how a box with a 4 pixel rgb(65, 207, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 207, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(65, 207, 108);  
box-shadow:4px 4px 4px 4px rgb(65, 207,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 70.181, 146.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 207, 108) }
```

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

```
.background{ background-color: rgb(65, 207,  
108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor