

Converting Colors

CIELCh(74, 46.909, 141.802)

Have a look what the booklet for
CIELCh(74, 46.909, 141.802)
contains.

CIELCh(74, 47.092, 141.793)	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, 47.092, 141.793)

Conversions

Conversions Part 1

Format	Color
Hex	7FC77F
RGB	127, 199, 127
RGB Percent	50%, 78%, 50%
CMY	0.5032, 0.2209, 0.5032
CMYK	0.36, 0.00, 0.36, 0.22
HSL	120°, 39%, 64%
HSV	120°, 36%, 78%
XYZ	32.8609, 46.7039, 27.2556
YIQ	169.2640, -19.8000, -37.6560

Conversions

Conversions Part 2

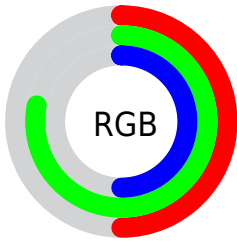
Format	Color
RYB	127, 199, 199
Decimal	8374143
CIELab	74.00, -37.00, 29.13
CIELCh	74, 47.092, 141.793
Yxy	46.7039, 0.3076, 0.4372
Android (android.graphics.Color)	4286564223 (0xFF7FC77F)
YUV	169.2640, -20.8362, -37.0655
Hunter-Lab	68.3403, -33.7653, 24.1921

Details

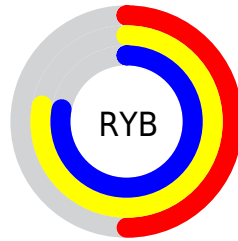
The CIELCh color $74, 47.092, 141.793$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $63, 47.039, 326.385$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 46.574, 141.741$, and $54, 47.252, 141.701$ is the 20% darker color. If you saturate the color by 10%, you get $73, 59.425, 140.786$, and if you desaturate by 10%, it is $75, 34.241, 142.682$.

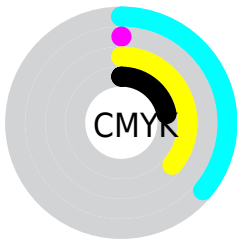
Distribution



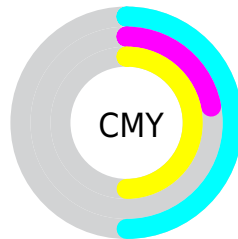
- Red (50%)
- Green (78%)
- Blue (50%)



- Red (50%)
- Yellow (78%)
- Blue (78%)



- Cyan (36%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)




- Cyan (50%)
- Magenta (22%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 47.092, 141.793 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, 47.092, 141.793 by changing the saturation by 10% instead.


 74, 47.092,
141.793

 74, 47.092,
141.793


 100, 47.092,
141.793


 64, 47.092,
141.793


 94, 47.092,
141.793

 54, 47.092,
141.793

 44, 47.092,
141.793

 34, 47.092,
141.793

 24, 47.092,
141.793

 14, 47.092,
141.793

 4, 47.092, 141.793

■ 0, 47.092, 141.793

■ 74, 47.092,
141.793

■ 74, 47.092,
141.793

■ 73, 59.425,
140.786

■ 75, 34.241,
142.682

■ 72, 70.867,
139.685

■ 77, 21.162,
143.452

■ 71, 80.970,
138.551

■ 79, 8.079, 144.124

■ 71, 89.219,
137.492

■ 81, 4.843, 324.591

■ 70, 95.112,
136.652

■ 83, 17.494,
325.096

■ 70, 98.384,
136.153

■ 85, 29.801,
325.497

■ 87, 35.331,

■ 70, 99.250,
136.018

325.653

Harmonies

Complementary

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



74, 47.092, 141.793



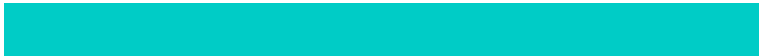
63, 47.039, 326.385

Rectangle

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



74, 47.092, 141.793



74, 47.092, 191.793



74, 47.092, 321.793



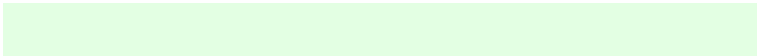
74, 47.092, 11.793

Sweetspot

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



74, 47.093, 141.793



97, 17.512, 143.802



79, 37.676, 106.703



52, 11.776, 143.709



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, 47.093, 141.793



92, 67.925, 141.059



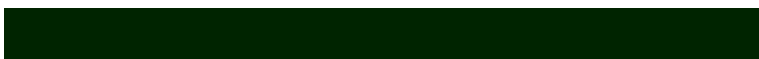
75, 32.371, 160.171



41, 7.370, 143.920



58, 85.771, 136.018



11, 26.594, 143.595

Inverse Universe

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



63, 47.039, 326.385



75, 67.722, 326.747



62, 33.812, 347.147



39, 7.381, 324.938



39, 82.745, 328.242



4, 26.737, 327.033

Previews

White Background



This preview shows how the CIELCh color 74, 47.092, 141.793 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, 47.092, 141.793 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, 47.092, 141.793

Background



This preview shows how black text looks on a background with the CIELCh color 74, 47.092, 141.793.

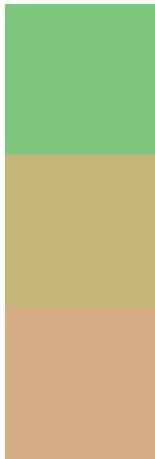


This preview shows how white text looks on a background with the CIELCh color 74, 47.092, 141.793.

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



Original Color

74, 47.092, 141.793

Protanopia

74, 33.805, 95.418

Deuteranopia

73, 28.320, 70.639



Tritanopia
74, 17.571, 226.079

Trichromacy



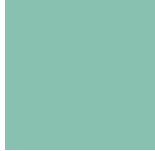
Original Color
74, 47.092, 141.793



Protanomaly
73, 35.131, 117.584



Deuteranomaly
73, 27.834, 107.445

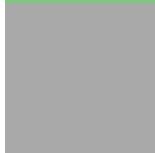


Tritanomaly
74, 22.268, 173.198

Monochromacy



Original Color
74, 47.092, 141.793



Achromatopsia
69, 0.009, 296.813



Achromatomaly
71, 17.361, 143.579

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 47.092, 141.793 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(127, 199, 127)` looks like.

```
.text, #text, p{  
    color:rgb(127, 199, 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(127, 199, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 199, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 47.092, 141.793 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(127, 199, 127) }
```

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

```
.border{ border-color:rgb(127, 199, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 199, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 199, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 199, 127);  
box-shadow:4px 4px 4px 4px rgb(127, 199,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 47.092, 141.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 199, 127) }
```

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

```
.background{ background-color: rgb(127,  
199, 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](#).

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