

Converting Colors

CIELCh(74, 45.466, 146.787)

Have a look what the booklet for
CIELCh(74, 45.466, 146.787)
contains.

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Color

CIELCh(74, 45.128, 146.943)

Conversions

Conversions Part 1

Format	Color
Hex	78C787
RGB	120, 199, 135
RGB Percent	47%, 78%, 53%
CMY	0.5286, 0.2188, 0.4698
CMYK	0.40, 0.00, 0.32, 0.22
HSL	131°, 41%, 63%
HSV	131°, 40%, 78%
XYZ	32.6313, 46.7039, 30.2875
YIQ	168.0830, -26.5400, -36.6520

Conversions

Conversions Part 2

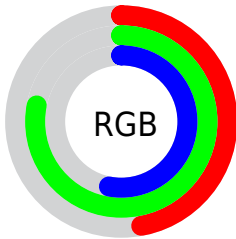
Format	Color
RYB	120, 186, 199
Decimal	7915399
CIELab	74.00, -37.82, 24.62
CIELCh	74, 45.128, 146.943
Yxy	46.7039, 0.2977, 0.4260
Android (android.graphics.Color)	4286105479 (0xFF78C787)
YUV	168.0830, -16.3099, -42.1688
Hunter-Lab	68.3403, -34.3648, 21.5617

Details

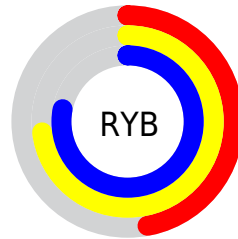
The CIELCh color $74, 45.128, 146.943$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $61, 45.233, 332.723$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 44.300, 147.260$, and $54, 44.708, 147.172$ is the 20% darker color. If you saturate the color by 10%, you get $73, 55.870, 145.785$, and if you desaturate by 10%, it is $75, 33.932, 147.949$.

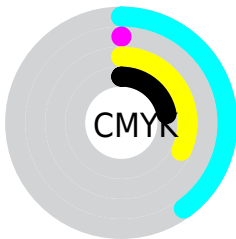
Distribution



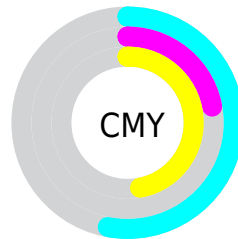
- Red (47%)
- Green (78%)
- Blue (53%)



- Red (47%)
- Yellow (73%)
- Blue (78%)



- Cyan (40%)
- Magenta (0%)
- Yellow (32%)
- Black (22%)





- Cyan (53%)
- Magenta (22%)
- Yellow (47%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 45.128, 146.943 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, 45.128, 146.943 by changing the saturation by 10% instead.


 74, 45.128,
146.943


 74, 45.128,
146.943


 100, 45.128,
146.943


 64, 45.128,
146.943


 94, 45.128,
146.943

 54, 45.128,
146.943

 44, 45.128,
146.943

 34, 45.128,
146.943

 24, 45.128,
146.943

 14, 45.128,
146.943

 4, 45.128, 146.943

0, 45.128, 146.943

74, 45.128,
146.943

74, 45.128,
146.943

73, 55.870,
145.785

75, 33.932,
147.949

72, 65.905,
144.467

77, 22.497,
148.819

71, 74.974,
142.999

79, 11.008,
149.578

71, 82.822,
141.419


80, 0.393, 329.416

70, 89.219,
139.800


82, 11.600,
330.722

70, 94.058,
138.310

85, 22.542,
331.219

 70, 94.200,
138.268

 87, 32.195,
329.255

 87, 34.992,
325.641

Harmonies

Complementary

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



74, 45.128, 146.943



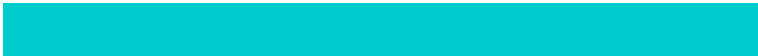
61, 45.233, 332.723

Rectangle

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



74, 45.128, 146.943



74, 45.128, 196.943



74, 45.128, 326.943



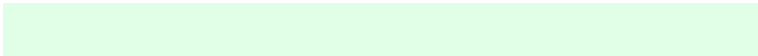
74, 45.128, 16.943

Sweetspot

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



74, 45.129, 146.943



97, 16.733, 149.395



78, 41.645, 114.584



52, 11.107, 149.297



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, 45.129, 146.943



91, 66.077, 145.903



75, 30.482, 170.735



41, 6.453, 149.598



58, 80.785, 138.505



11, 24.237, 147.073

Inverse Universe

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



61, 45.233, 332.723



72, 65.952, 333.350



60, 34.058, 359.539



39, 6.472, 330.719



37, 71.506, 337.434



4, 22.653, 334.517

Previews

White Background



This preview shows how the CIELCh color 74, 45.128, 146.943 looks on a white background.

Color Contrast Check

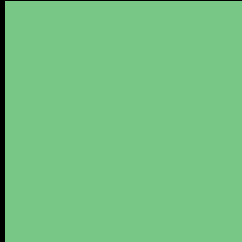
Large Text (above 18pt) WCAG AA × Fail

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, 45.128, 146.943 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, 45.128, 146.943

Background



This preview shows how black text looks on a background with the CIELCh color 74, 45.128, 146.943.

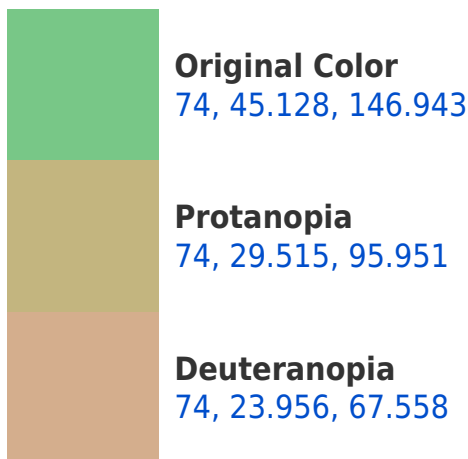


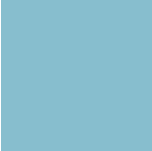
This preview shows how white text looks on a background with the CIELCh color 74, 45.128, 146.943.

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, 19.569, 224.692

Trichromacy



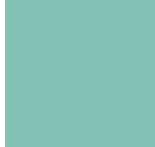
Original Color
74, 45.128, 146.943



Protanomaly
73, 31.944, 121.812



Deuteranomaly
73, 23.657, 111.779



Tritanomaly
74, 23.001, 179.709

Monochromacy



Original Color
74, 45.128, 146.943



Achromatopsia
69, 0.009, 296.813



Achromatomaly
70, 16.521, 148.770

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 45.128, 146.943 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(120, 199, 135)` looks like.

```
.text, #text, p{  
    color:rgb(120, 199, 135)  
}
```

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(120, 199, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 199, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 45.128, 146.943 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(120, 199, 135) }
```

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

```
.border{ border-color:rgb(120, 199, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 199, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 199, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 199, 135);  
box-shadow:4px 4px 4px 4px rgb(120, 199,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 45.128, 146.943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 199, 135) }
```

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

```
.background{ background-color: rgb(120,  
199, 135) }
```

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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