

Converting Colors

CIELCh(74, 47.565, 146.042)

Have a look what the booklet for
CIELCh(74, 47.565, 146.042)
contains.

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Color

CIELCh(74, 47.826, 145.798)

Conversions

Conversions Part 1

Format	Color
Hex	76C883
RGB	118, 200, 131
RGB Percent	46%, 78%, 51%
CMY	0.5379, 0.2163, 0.4869
CMYK	0.41, 0.00, 0.35, 0.22
HSL	130°, 43%, 62%
HSV	130°, 41%, 78%
XYZ	32.1494, 46.7039, 28.7367
YIQ	167.6160, -26.7230, -38.8430

Conversions

Conversions Part 2

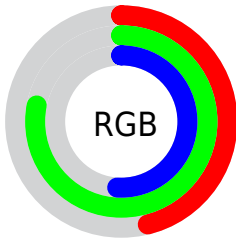
Format	Color
RYB	118, 189, 200
Decimal	7784579
CIELab	74.00, -39.56, 26.88
CIELCh	74, 47.826, 145.798
Yxy	46.7039, 0.2988, 0.4341
Android (android.graphics.Color)	4285974659 (0xFF76C883)
YUV	167.6160, -18.0517, -43.5132
Hunter-Lab	68.3403, -35.6235, 22.9071

Details

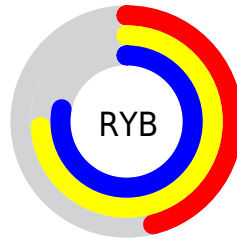
The CIELCh color $74, 47.826, 145.798$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $61, 47.842, 331.670$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $93, 46.754, 145.896$, and $54, 47.603, 146.041$ is the 20% darker color. If you saturate the color by 10%, you get $73, 58.747, 144.636$, and if you desaturate by 10%, it is $75, 36.394, 146.811$.

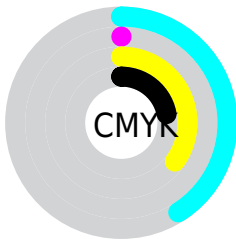
Distribution



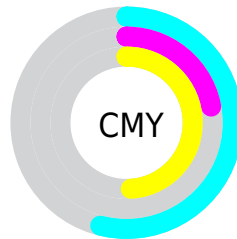
- Red (46%)
- Green (78%)
- Blue (51%)



- Red (46%)
- Yellow (74%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (35%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 47.826, 145.798 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, 47.826, 145.798 by changing the saturation by 10% instead.

 74, 47.826,
145.798

 74, 47.826,
145.798

 100, 47.826,
145.798

 64, 47.826,
145.798

 94, 47.826,
145.798

 54, 47.826,
145.798

 44, 47.826,
145.798

 34, 47.826,
145.798

 24, 47.826,
145.798

 14, 47.826,
145.798

 4, 47.826, 145.798

0, 47.826, 145.798

74, 47.826,
145.798

74, 47.826,
145.798

73, 58.747,
144.636

75, 36.394,
146.811

72, 68.885,
143.323

77, 24.687,
147.685

71, 77.951,
141.880

78, 12.902,
148.445

71, 85.659,
140.362

80, 1.193, 149.313

71, 91.744,
138.860

82, 10.326,
329.589

70, 95.733,
137.690

85, 21.576,
330.083

■ 87, 31.945,
329.078

■ 87, 34.600,
325.628

Harmonies

Complementary

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



74, 47.826, 145.798



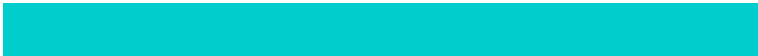
61, 47.842, 331.670

Rectangle

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



74, 47.826, 145.798



74, 47.826, 195.798



74, 47.826, 325.798



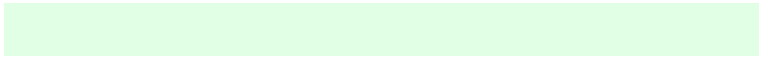
74, 47.826, 15.798

Sweetspot

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



74, 47.827, 145.798



97, 17.113, 148.363



78, 42.972, 113.029



52, 11.359, 148.267



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, 47.827, 145.798



91, 68.890, 144.799



75, 32.364, 168.330



41, 6.599, 148.562



58, 81.950, 137.905



11, 24.618, 146.457

Inverse Universe

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



61, 47.842, 331.670



72, 68.602, 332.233



59, 35.770, 357.424



39, 6.616, 329.659



37, 73.197, 335.661



4, 23.288, 333.059

Previews

White Background



This preview shows how the CIELCh color 74, 47.826, 145.798 looks on a white background.

Color Contrast Check

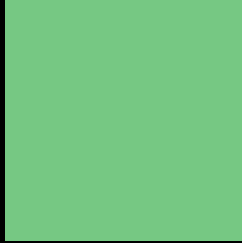
Large Text (above 18pt) WCAG AA × Fail

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, 47.826, 145.798 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, 47.826, 145.798

Background



This preview shows how black text looks on a background with the CIELCh color 74, 47.826, 145.798.

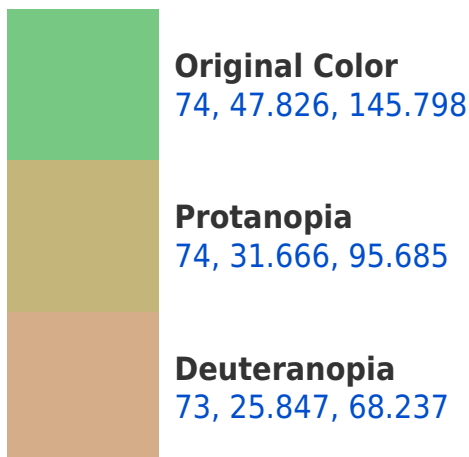


This preview shows how white text looks on a background with the CIELCh color 74, 47.826, 145.798.

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, 19.916, 222.395

Trichromacy



Original Color
74, 47.826, 145.798



Protanomaly
73, 33.958, 120.812



Deuteranomaly
73, 25.799, 112.167



Tritanomaly
74, 24.313, 177.925

Monochromacy



Original Color
74, 47.826, 145.798



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 17.861, 148.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 47.826, 145.798 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(118, 200, 131)` looks like.

```
.text, #text, p{  
    color:rgb(118, 200, 131)  
}
```

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(118, 200, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 200, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 47.826, 145.798 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(118, 200, 131) }
```

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

```
.border{ border-color:rgb(118, 200, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 200, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(118, 200, 131); -webkit-box-shadow:4px 4px 4px 4px rgb(118, 200, 131); box-shadow:4px 4px 4px 4px rgb(118, 200, 131) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 47.826, 145.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 200, 131) }
```

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

```
.background{ background-color: rgb(118,  
200, 131) }
```

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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