

Converting Colors

CIELCh(74, 44.125, 154.845)

Have a look what the booklet for
CIELCh(74, 44.125, 154.845)
contains.

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Color

CIELCh(74, 44.030, 154.979)

Conversions

Conversions Part 1

Format	Color
Hex	6BC892
RGB	107, 200, 146
RGB Percent	42%, 78%, 57%
CMY	0.5790, 0.2143, 0.4262
CMYK	0.46, 0.00, 0.27, 0.21
HSL	145°, 46%, 60%
HSV	145°, 46%, 79%
XYZ	32.0546, 46.7039, 34.6533
YIQ	166.0370, -38.0940, -36.5100

Conversions

Conversions Part 2

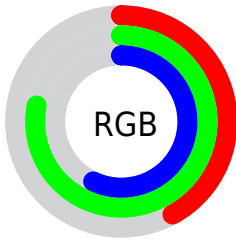
Format	Color
RYB	107, 173, 200
Decimal	7063698
CIELab	74.00, -39.90, 18.62
CIElCh	74, 44.030, 154.979
Yxy	46.7039, 0.2826, 0.4118
Android (android.graphics.Color)	4285253778 (0xFF6BC892)
YUV	166.0370, -9.8782, -51.7754
Hunter-Lab	68.3403, -35.8712, 17.7740

Details

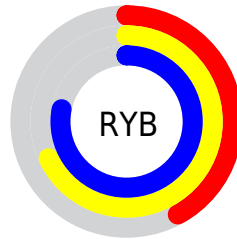
The CIELCh color **74, 44.030, 154.979** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **58, 45.389, 343.817**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 42.688, 155.416**, and **54, 43.928, 154.960** is the 20% darker color. If you saturate the color by 10%, you get **73, 52.575, 153.582**, and if you desaturate by 10%, it is **75, 34.959, 156.203**.

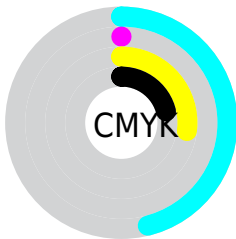
Distribution



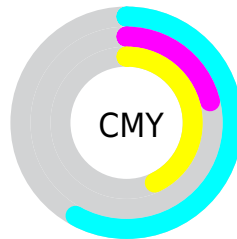
- Red (42%)
- Green (78%)
- Blue (57%)



- Red (42%)
- Yellow (68%)
- Blue (78%)



- Cyan (46%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)





- Cyan (58%)
- Magenta (21%)
- Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 44.030, 154.979 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, 44.030, 154.979 by changing the saturation by 10% instead.


 74, 44.030,
154.979

 74, 44.030,
154.979


 100, 44.030,
154.979


 64, 44.030,
154.979


 94, 44.030,
154.979

 54, 44.030,
154.979

 44, 44.030,
154.979

 34, 44.030,
154.979

 24, 44.030,
154.979

 14, 44.030,
154.979

 4, 44.030, 154.979

■ 0, 44.030, 154.979

■ 74, 44.030,
154.979

■ 74, 44.030,
154.979

■ 73, 52.575,
153.582

■ 75, 34.959,
156.203

■ 72, 60.429,
151.993

■ 76, 25.527,
157.278

■ 72, 67.459,
150.198

■ 78, 15.895,
158.232

■ 71, 73.589,
148.204

■ 80, 6.199, 159.107

■ 71, 78.820,
146.050

■ 81, 3.450, 339.685

■ 83, 12.965,
340.440

■ 71, 80.556,
145.301

■ 85, 22.286,

341.065

■ 86, 28.152,
335.172

■ 87, 32.644,
327.660

Harmonies

Complementary

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



74, 44.030, 154.979



58, 45.389, 343.817

Rectangle

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



74, 44.030, 154.979



74, 44.030, 204.979



74, 44.030, 334.979



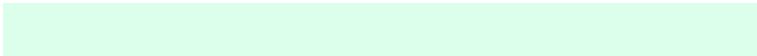
74, 44.030, 24.979

Sweetspot

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



74, 44.031, 154.979



97, 16.480, 158.430



76, 50.741, 123.833



51, 11.379, 158.235



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, 44.031, 154.979



91, 63.418, 153.526



75, 29.912, 189.072



41, 5.450, 158.850



59, 68.641, 145.659



11, 21.297, 152.799

Inverse Universe

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



58, 45.389, 343.817



67, 65.201, 345.156



56, 39.543, 18.257



39, 5.498, 340.216



35, 62.180, 354.223



4, 18.768, 347.984

Previews

White Background



This preview shows how the CIELCh color 74, 44.030, 154.979 looks on a white background.

Color Contrast Check

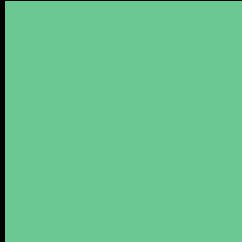
Large Text (above 18pt) WCAG AA × Fail

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, 44.030, 154.979 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, 44.030, 154.979

Background



This preview shows how black text looks on a background with the CIELCh color 74, 44.030, 154.979.

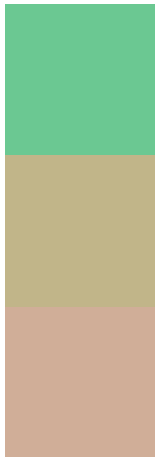


This preview shows how white text looks on a background with the CIELCh color 74, 44.030, 154.979.

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, 44.030, 154.979

Protanopia
74, 24.145, 96.124

Deuteranopia
74, 18.289, 60.372



Tritanopia
74, 23.068, 220.176

Trichromacy



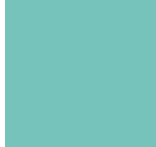
Original Color
74, 44.030, 154.979



Protanomaly
73, 27.722, 129.366



Deuteranomaly
73, 19.022, 123.926



Tritanomaly
74, 26.343, 186.652

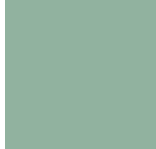
Monochromacy



Original Color
74, 44.030, 154.979



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 16.235, 158.293

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 44.030, 154.979 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(107, 200, 146)` looks like.

```
.text, #text, p{  
    color:rgb(107, 200, 146)  
}
```

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(107, 200, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 200, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 44.030, 154.979 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(107, 200, 146) }
```

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

```
.border{ border-color:rgb(107, 200, 146) }
```

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

Here you see how a box with a 4 pixel rgb(107, 200, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 200, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 200, 146);  
box-shadow:4px 4px 4px 4px rgb(107, 200,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 44.030, 154.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 200, 146) }
```

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

```
.background{ background-color: rgb(107,  
200, 146) }
```

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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