

Converting Colors

CIELCh(74, 54.155, 141.034)

Have a look what the booklet for
CIELCh(74, 54.155, 141.034)
contains.

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Color

CIELCh(74, 54.355, 140.985)

Conversions

Conversions Part 1

Format	Color
Hex	76C975
RGB	118, 201, 117
RGB Percent	46%, 79%, 46%
CMY	0.5387, 0.2132, 0.5425
CMYK	0.41, 0.00, 0.42, 0.21
HSL	119°, 44%, 62%
HSV	119°, 42%, 79%
XYZ	31.4138, 46.7039, 24.0845
YIQ	166.6070, -22.5040, -43.7200

Conversions

Conversions Part 2

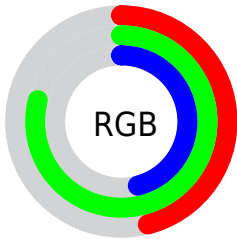
Format	Color
RYB	117, 201, 200
Decimal	7784821
CIELab	74.00, -42.23, 34.22
CIELCh	74, 54.355, 140.985
Yxy	46.7039, 0.3074, 0.4570
Android (android.graphics.Color)	4285974901 (0xFF76C975)
YUV	166.6070, -24.4563, -42.6283
Hunter-Lab	68.3403, -37.5450, 26.9432

Details

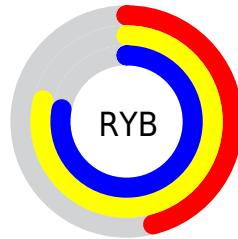
The CIELCh color **74, 54.355, 140.985** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **61, 54.270, 326.315**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **93, 52.359, 140.921**, and **54, 54.169, 140.966** is the 20% darker color. If you saturate the color by 10%, you get **73, 66.315, 139.946**, and if you desaturate by 10%, it is **75, 41.688, 141.922**.

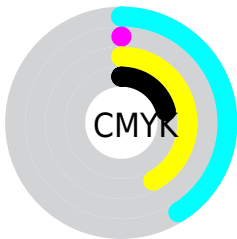
Distribution



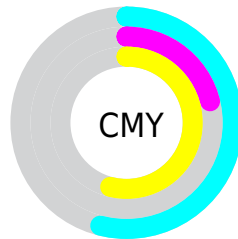
- Red (46%)
- Green (79%)
- Blue (46%)



- Red (46%)
- Yellow (79%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (42%)
- Black (21%)





- Cyan (54%)
- Magenta (21%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 54.355, 140.985 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, 54.355, 140.985 by changing the saturation by 10% instead.


 74, 54.355,
140.985


 74, 54.355,
140.985


 100, 54.355,
140.985


 64, 54.355,
140.985


 94, 54.355,
140.985

 54, 54.355,
140.985

 44, 54.355,
140.985

 34, 54.355,
140.985

 24, 54.355,
140.985

 14, 54.355,
140.985

 4, 54.355, 140.985

0, 54.355, 140.985

74, 54.355,
140.985

74, 54.355,
140.985

73, 66.315,
139.946

75, 41.688,
141.922

72, 77.149,
138.848

77, 28.643,
142.743

71, 86.365,
137.779

79, 15.481,
143.453

71, 93.433,
136.871

80, 2.396, 144.140

71, 97.925,
136.264

83, 10.477,
324.515

71, 99.927,
135.973

85, 23.043,
324.955

■ 87, 34.097,
325.610

Harmonies

Complementary

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



74, 54.355, 140.985



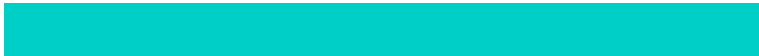
61, 54.270, 326.315

Rectangle

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



74, 54.355, 140.985



74, 54.355, 190.985



74, 54.355, 320.985



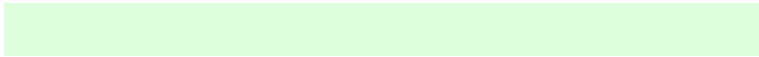
74, 54.355, 10.985

Sweetspot

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



74, 54.356, 140.985



97, 20.643, 143.364



79, 42.952, 105.443



51, 14.460, 143.211



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, 54.356, 140.985



91, 77.857, 140.069



75, 37.932, 158.633



41, 7.343, 143.614



58, 85.710, 135.960



11, 26.510, 143.373

Inverse Universe

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



61, 54.270, 326.315



72, 77.502, 326.713



59, 39.651, 346.875



39, 7.356, 324.617



38, 82.799, 327.778



4, 26.611, 326.566

Previews

White Background



This preview shows how the CIELCh color 74, 54.355, 140.985 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, 54.355, 140.985 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, 54.355, 140.985

Background



This preview shows how black text looks on a background with the CIELCh color 74, 54.355, 140.985.



This preview shows how white text looks on a background with the CIELCh color 74, 54.355, 140.985.

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

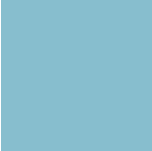
74, 54.355, 140.985

Protanopia

74, 38.958, 95.673

Deuteranopia

73, 32.920, 73.782



Tritanopia
74, 19.569, 224.692

Trichromacy



Original Color
74, 54.355, 140.985



Protanomaly
73, 40.847, 117.405



Deuteranomaly
73, 33.050, 109.097



Tritanomaly
74, 25.356, 172.091

Monochromacy



Original Color
74, 54.355, 140.985



Achromatopsia
68, 0.008, 296.813



Achromatomaly
70, 20.744, 143.377

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 54.355, 140.985 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, 201, 117)` looks like.

```
.text, #text, p{  
    color:rgb(118, 201, 117)  
}
```

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, 201, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 201, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 54.355, 140.985 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, 201, 117) }
```

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

```
.border{ border-color:rgb(118, 201, 117) }
```

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

Here you see how a box with a 4 pixel rgb(118, 201, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 201, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 201, 117);  
box-shadow:4px 4px 4px 4px rgb(118, 201,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 54.355, 140.985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 201, 117) }
```

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

```
.background{ background-color: rgb(118,  
201, 117) }
```

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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