

Converting Colors

CIELCh(74, 50.145, 114.696)

Have a look what the booklet for
CIELCh(74, 50.145, 114.696)
contains.

CIELCh(74, 50.380, 114.580)	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, 50.380, 114.580)

Conversions

Conversions Part 1

Format	Color
Hex	ACBF5F
RGB	172, 191, 95
RGB Percent	67%, 75%, 37%
CMY	0.3266, 0.2520, 0.6284
CMYK	0.10, 0.00, 0.50, 0.25
HSL	72°, 43%, 56%
HSV	72°, 50%, 75%
XYZ	37.5783, 46.7039, 17.8000
YIQ	174.3750, 19.4920, -33.8840

Conversions

Conversions Part 2

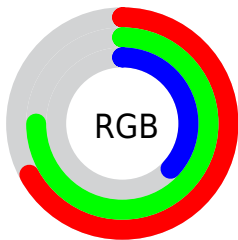
Format	Color
RYB	95, 191, 114
Decimal	11321183
CIELab	74.00, -20.96, 45.81
CIELCh	74, 50.380, 114.580
Yxy	46.7039, 0.3681, 0.4575
Android (android.graphics.Color)	4289511263 (0xFFACBF5F)
YUV	174.3750, -39.1319, -2.0829
Hunter-Lab	68.3403, -21.4436, 32.3955

Details

The CIELCh color **74, 50.380, 114.580** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **46, 57.093, 302.688**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 50.054, 114.456**, and **54, 50.555, 114.553** is the 20% darker color. If you saturate the color by 10%, you get **74, 59.164, 114.087**, and if you desaturate by 10%, it is **75, 40.921, 115.186**.

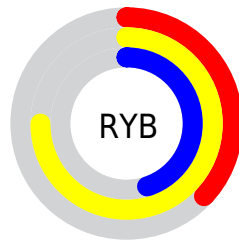
Distribution



Red (67%)

Green (75%)

Blue (37%)



Red (37%)

Yellow (75%)

Blue (45%)

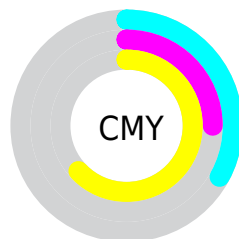


Cyan (10%)

Magenta (0%)

Yellow (50%)

Black (25%)



Cyan (33%)


Magenta (25%)


Yellow (63%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 50.380, 114.580 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, 50.380, 114.580 by changing the saturation by 10% instead.


 74, 50.380,
114.580

 74, 50.380,
114.580


 100, 50.380,
114.580


 64, 50.380,
114.580


 94, 50.380,
114.580

 54, 50.380,
114.580

 44, 50.380,
114.580

 34, 50.380,
114.580

 24, 50.380,
114.580

 14, 50.380,
114.580

 4, 50.380, 114.580

0, 50.380, 114.580

74, 50.380,
114.580

74, 50.380,
114.580

74, 59.164,
114.087

75, 40.921,
115.186

73, 66.905,
113.769

75, 31.040,
115.848

73, 73.146,
113.716

76, 20.911,
116.535

72, 77.451,
114.015

76, 10.648,
117.223

72, 79.913,
114.621

77, 0.326, 117.928

78, 10.002,
298.544

■ 79, 20.299,
299.163

■ 80, 30.537,
299.747

■ 80, 34.726,
301.183

Harmonies

Complementary

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



74, 50.380, 114.580



46, 57.093, 302.688

Rectangle

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



74, 50.380, 114.580



74, 50.380, 164.580



74, 50.380, 294.580



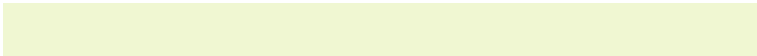
74, 50.380, 344.580

Sweetspot

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



74, 50.381, 114.582



96, 19.090, 116.886



56, 37.160, 38.428



51, 13.123, 116.739



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74, 50.381, 114.582



93, 72.562, 114.061



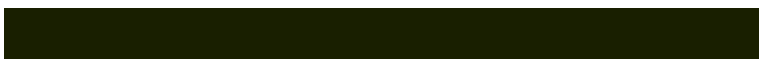
71, 56.661, 132.708



40, 5.794, 117.290



61, 69.506, 114.469



10, 17.426, 119.669

Inverse Universe

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



46, 57.093, 302.688



52, 85.231, 304.027



51, 58.914, 317.295



37, 5.914, 298.579



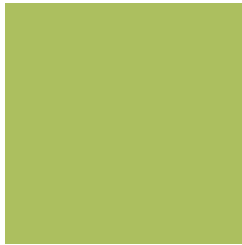
19, 92.120, 307.322



1, 17.548, 296.141

Previews

White Background



This preview shows how the CIELCh color 74, 50.380, 114.580 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, 50.380, 114.580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

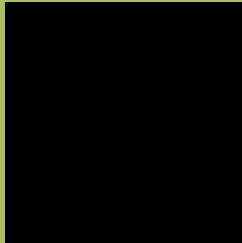
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 74, 50.380, 114.580

Background



This preview shows how black text looks on a background with the CIELCh color 74, 50.380, 114.580.



This preview shows how white text looks on a background with the CIELCh color 74, 50.380, 114.580.

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, 50.380, 114.580

Protanopia
74, 47.907, 95.616

Deuteranopia
74, 45.458, 78.035



Tritanopia
74, 7.685, 299.030

Trichromacy



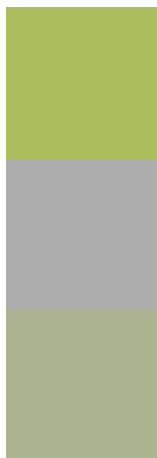
Original Color
74, 50.380, 114.580

Protanomaly
74, 48.018, 102.938

Deuteranomaly
74, 44.781, 91.837

Tritanomaly
74, 14.136, 116.734

Monochromacy



Original Color
74, 50.380, 114.580

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 19.096, 116.682

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 50.380, 114.580 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(172, 191, 95)` looks like.

```
.text, #text, p{  
    color:rgb(172, 191, 95)  
}
```

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(172, 191, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 191, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 50.380, 114.580 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(172, 191, 95) }
```

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

```
.border{ border-color:rgb(172, 191, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 191, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 191, 95); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 191, 95); box-shadow:4px 4px 4px 4px rgb(172, 191, 95) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 50.380, 114.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 191, 95) }
```

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

```
.background{ background-color: rgb(172,  
191, 95) }
```

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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