

Converting Colors

CIELCh(74, 62.140, 111.606)

Have a look what the booklet for
CIELCh(74, 62.140, 111.606)
contains.

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Color

CIELCh(74, 62.106, 111.500)

Conversions

Conversions Part 1

Format	Color
Hex	ADBF44
RGB	173, 191, 68
RGB Percent	68%, 75%, 27%
CMY	0.3206, 0.2500, 0.7324
CMYK	0.09, 0.00, 0.64, 0.25
HSL	69°, 49%, 51%
HSV	69°, 64%, 75%
XYZ	37.0263, 46.7039, 12.5714
YIQ	171.5960, 28.7550, -42.0690

Conversions

Conversions Part 2

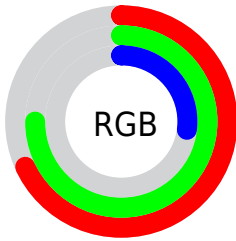
Format	Color
RYB	68, 191, 86
Decimal	11386692
CIELab	74.00, -22.76, 57.78
CIELCh	74, 62.106, 111.500
Yxy	46.7039, 0.3845, 0.4850
Android (android.graphics.Color)	4289576772 (0xFFADB444)
YUV	171.5960, -51.0728, 1.2313
Hunter-Lab	68.3403, -22.8854, 36.9316

Details

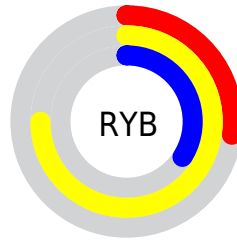
The CIELCh color **74, 62.106, 111.500** is a dark color, and the websafe version is hex **CCCC66**. A complement of this color would be **38, 74.493, 303.316**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 61.885, 111.348**, and **54, 62.311, 111.814** is the 20% darker color. If you saturate the color by 10%, you get **74, 69.220, 111.184**, and if you desaturate by 10%, it is **74, 53.759, 112.012**.

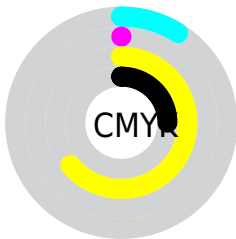
Distribution



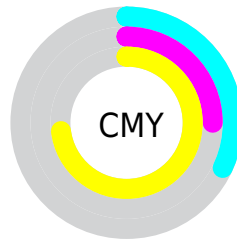
- Red (68%)
- Green (75%)
- Blue (27%)



- Red (27%)
- Yellow (75%)
- Blue (34%)



- Cyan (9%)
- Magenta (0%)
- Yellow (64%)
- Black (25%)




- Cyan (32%)
- Magenta (25%)
- Yellow (73%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 62.106, 111.500 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, 62.106, 111.500 by changing the saturation by 10% instead.

 74, 62.106,
111.500

 74, 62.106,
111.500


 100, 62.106,
111.500

 64, 62.106,
111.500


 94, 62.106,
111.500

 54, 62.106,
111.500

 44, 62.106,
111.500

 34, 62.106,
111.500

 24, 62.106,
111.500

 14, 62.106,
111.500

 4, 62.106, 111.500

0, 62.106, 111.500

74, 62.106,
111.500

74, 62.106,
111.500

74, 69.220,
111.184

74, 53.759,
112.012

73, 74.623,
111.139

75, 44.589,
112.648

73, 77.954,
111.431

75, 34.900,
113.355

73, 79.204,
111.701

76, 24.896,
114.099

76, 14.712,
114.853

77, 4.437, 115.597

■ 78, 5.870, 296.326

■ 79, 16.166,
297.022

■ 79, 26.422,
297.685

Harmonies

Complementary

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



74, 62.106, 111.500



38, 74.493, 303.316

Rectangle

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



74, 62.106, 111.500



74, 62.106, 161.500



74, 62.106, 291.500



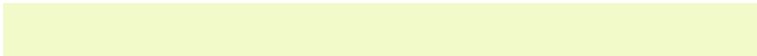
74, 62.106, 341.500

Sweetspot

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



74, 62.107, 111.502



97, 24.227, 114.476



49, 51.613, 36.165



51, 16.651, 114.259



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, 62.107, 111.502



93, 87.517, 111.130



70, 69.687, 130.665



41, 5.894, 115.222



62, 69.584, 111.592



12, 18.907, 115.507

Inverse Universe

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



38, 74.493, 303.316



41, 110.855, 305.256



44, 73.964, 316.155



38, 6.020, 296.649



19, 93.771, 306.922



1, 19.557, 295.086

Previews

White Background



This preview shows how the CIELCh color 74, 62.106, 111.500 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, 62.106, 111.500 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, 62.106, 111.500

Background



This preview shows how black text looks on a background with the CIELCh color 74, 62.106, 111.500.



This preview shows how white text looks on a background with the CIELCh color 74, 62.106, 111.500.

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, 62.106, 111.500

Protanopia

74, 59.623, 95.418

Deuteranopia

74, 57.401, 80.574



Tritanopia
74, 8.044, 309.373

Trichromacy



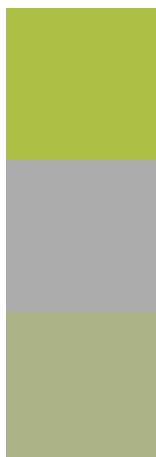
Original Color
74, 62.106, 111.500

Protanomaly
74, 59.670, 101.434

Deuteranomaly
74, 56.879, 92.540

Tritanomaly
73, 18.830, 110.766

Monochromacy



Original Color
74, 62.106, 111.500

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 24.402, 114.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 62.106, 111.500 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(173, 191, 68)` looks like.

```
.text, #text, p{  
    color:rgb(173, 191, 68)  
}
```

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(173, 191, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 191, 68) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 62.106, 111.500 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(173, 191, 68) }
```

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

```
.border{ border-color:rgb(173, 191, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 191, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 191, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 191, 68);  
box-shadow:4px 4px 4px 4px rgb(173, 191,  
68) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 62.106, 111.500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 191, 68) }
```

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

```
.background{ background-color: rgb(173,  
191, 68) }
```

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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