

Converting Colors

CIELCh(74, 42.212, 106.050)

Have a look what the booklet for
CIELCh(74, 42.212, 106.050)
contains.

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Color

CIELCh(74, 42.075, 106.097)

Conversions

Conversions Part 1

Format	Color
Hex	BABA6A
RGB	186, 186, 106
RGB Percent	73%, 73%, 42%
CMY	0.2698, 0.2698, 0.5836
CMYK	0.00, 0.00, 0.43, 0.27
HSL	60°, 37%, 57%
HSV	60°, 43%, 73%
XYZ	40.5052, 46.7039, 20.5634
YIQ	176.8800, 25.6800, -24.8800

Conversions

Conversions Part 2

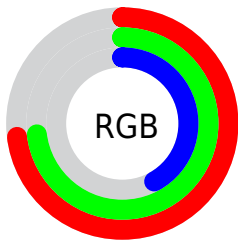
Format	Color
RYB	106, 186, 106
Decimal	12237418
CIELab	74.00, -11.67, 40.43
CIELCh	74, 42.075, 106.097
Yxy	46.7039, 0.3758, 0.4334
Android (android.graphics.Color)	4290427498 (0xFFBABA6A)
YUV	176.8800, -34.9438, 7.9982
Hunter-Lab	68.3403, -13.7989, 29.9980

Details

The CIELCh color **74, 42.075, 106.097** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **48, 47.079, 296.031**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 41.915, 106.306**, and **54, 42.108, 106.208** is the 20% darker color. If you saturate the color by 10%, you get **74, 51.052, 105.230**, and if you desaturate by 10%, it is **74, 32.619, 107.024**.

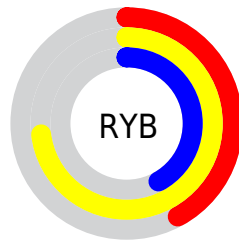
Distribution



Red (73%)

Green (73%)

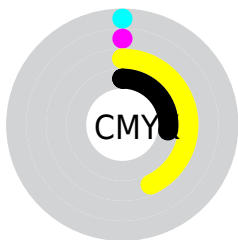
Blue (42%)



Red (42%)

Yellow (73%)

Blue (42%)

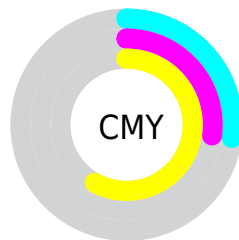


Cyan (0%)

Magenta (0%)

Yellow (43%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 42.075, 106.097 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, 42.075, 106.097 by changing the saturation by 10% instead.


 74, 42.075,
106.097

 74, 42.075,
106.097


 100, 42.075,
106.097


 64, 42.075,
106.097


 94, 42.075,
106.097

 54, 42.075,
106.097

 44, 42.075,
106.097

 34, 42.075,
106.097

 24, 42.075,
106.097

 14, 42.075,
106.097

 4, 42.075, 106.097

■ 0, 42.075, 106.097

■ 74, 42.075,
106.097

■ 74, 42.075,
106.097

■ 74, 51.052,
105.230

■ 74, 32.619,
107.024

■ 74, 59.257,
104.446

■ 75, 22.872,
107.976

■ 73, 66.294,
103.785

■ 75, 12.963,
108.937

■ 73, 71.695,
103.288

■ 75, 2.970, 109.877

■ 73, 75.079,
102.981

■ 76, 7.052, 290.844

■ 73, 76.513,
102.852

■ 77, 17.069,
291.749

■ 77, 27.056,

292.624

■ 78, 36.926,
293.456

■ 78, 36.926,
293.456

Harmonies

Complementary

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



74, 42.075, 106.097



48, 47.079, 296.031

Rectangle

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



74, 42.075, 106.097



74, 42.075, 156.097



74, 42.075, 286.097



74, 42.075, 336.097

Sweetspot

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



74, 42.076, 106.100



95, 16.084, 108.914



54, 34.788, 23.740



51, 11.340, 108.701



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



74, 42.076, 106.100



93, 62.074, 105.240



71, 45.378, 127.074



40, 5.728, 109.282



63, 67.797, 102.852



11, 16.897, 107.644

Inverse Universe

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



48, 47.079, 296.031



55, 71.994, 297.979



52, 48.276, 311.214



36, 5.854, 291.138



18, 93.616, 306.287



1, 17.439, 290.638

Previews

White Background



This preview shows how the CIELCh color 74, 42.075, 106.097 looks on a white background.

Color Contrast Check

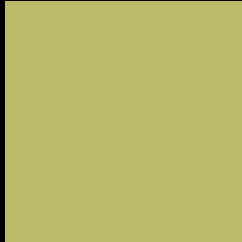
Large Text (above 18pt) WCAG AA × Fail

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, 42.075, 106.097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

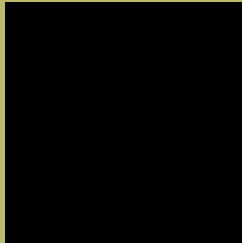
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 42.075, 106.097

Background



This preview shows how black text looks on a background with the CIELCh color 74, 42.075, 106.097.



This preview shows how white text looks on a background with the CIELCh color 74, 42.075, 106.097.

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, 42.075, 106.097

Protanopia

74, 41.419, 96.042

Deuteranopia

74, 40.792, 76.780



Tritanopia
74, 10.644, 334.949

Trichromacy



Original Color
74, 42.075, 106.097

Protanomaly
74, 41.883, 100.264

Deuteranomaly
74, 39.655, 87.467

Tritanomaly
74, 11.771, 85.517

Monochromacy



Original Color
74, 42.075, 106.097

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 15.647, 108.639

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 42.075, 106.097 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(186, 186, 106)` looks like.

```
.text, #text, p{  
    color:rgb(186, 186, 106)  
}
```

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(186, 186, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 186, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 42.075, 106.097 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(186, 186, 106) }
```

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

```
.border{ border-color:rgb(186, 186, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 186, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 186, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 186, 106);  
box-shadow:4px 4px 4px 4px rgb(186, 186,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 42.075, 106.097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 186, 106) }
```

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

```
.background{ background-color: rgb(186,  
186, 106) }
```

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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