

Converting Colors

CIELCh(74, 40.046, 122.411)

Have a look what the booklet for
CIELCh(74, 40.046, 122.411)
contains.

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Color

CIELCh(74, 40.090, 122.408)

Conversions

Conversions Part 1

Format	Color
Hex	A4BF76
RGB	164, 191, 118
RGB Percent	64%, 75%, 46%
CMY	0.3552, 0.2493, 0.5357
CMYK	0.14, 0.00, 0.38, 0.25
HSL	82°, 36%, 61%
HSV	82°, 38%, 75%
XYZ	37.4158, 46.7039, 24.3072
YIQ	174.6050, 7.3410, -28.4270

Conversions

Conversions Part 2

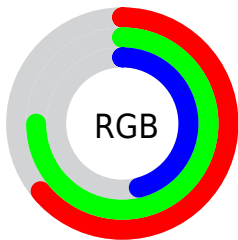
Format	Color
RYB	118, 191, 145
Decimal	10796918
CIELab	74.00, -21.49, 33.85
CIELCh	74, 40.090, 122.408
Yxy	46.7039, 0.3451, 0.4307
Android (android.graphics.Color)	4288986998 (0xFFA4BF76)
YUV	174.6050, -27.9063, -9.3006
Hunter-Lab	68.3403, -21.8681, 26.7500

Details

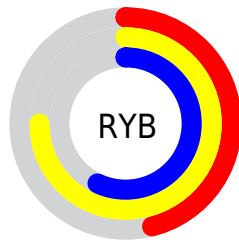
The CIELCh color **74, 40.090, 122.408** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **55, 43.040, 306.752**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 39.840, 122.198**, and **54, 39.871, 122.177** is the 20% darker color. If you saturate the color by 10%, you get **73, 50.064, 121.938**, and if you desaturate by 10%, it is **75, 29.767, 122.930**.

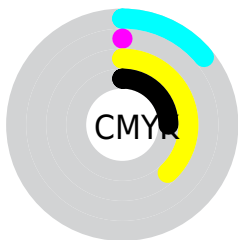
Distribution



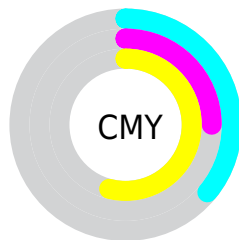
- Red (64%)
- Green (75%)
- Blue (46%)



- Red (46%)
- Yellow (75%)
- Blue (57%)



- Cyan (14%)
- Magenta (0%)
- Yellow (38%)
- Black (25%)



- Cyan (36%)
- Magenta (25%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 40.090, 122.408 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, 40.090, 122.408 by changing the saturation by 10% instead.

 74, 40.090,
122.408

 74, 40.090,
122.408


 100, 40.090,
122.408

 64, 40.090,
122.408


 94, 40.090,
122.408

 54, 40.090,
122.408

 44, 40.090,
122.408

 34, 40.090,
122.408

 24, 40.090,
122.408

 14, 40.090,
122.408

 4, 40.090, 122.408

■ 0, 40.090, 122.408

■ 74, 40.090,
122.408

■ 74, 40.090,
122.408

■ 73, 50.064,
121.938

■ 75, 29.767,
122.930

■ 73, 59.449,
121.567

■ 76, 19.249,
123.465

■ 72, 67.916,
121.378

■ 77, 8.644, 123.994

■ 71, 75.028,
121.477

■ 78, 1.972, 304.452

■ 71, 80.333,
121.981

■ 79, 12.547,
304.956

■ 71, 83.707,
122.932

■ 80, 23.044,
305.400

■ 81, 33.435,

■ 71, 84.257,
123.116

305.807

■ 82, 35.319,
309.132

■ 82, 36.014,
312.844

Harmonies

Complementary

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



74, 40.090, 122.408



55, 43.040, 306.752

Rectangle

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



74, 40.090, 122.408



74, 40.090, 172.408



74, 40.090, 302.408



74, 40.090, 352.408

Sweetspot

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



74, 40.092, 122.410



97, 14.491, 123.835



64, 25.135, 56.543



51, 9.735, 123.763



99, 0.012, 296.813



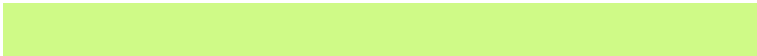
52, 0.007, 296.813

Same Dimension

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



74, 40.092, 122.410



93, 59.495, 121.999



72, 46.096, 138.466



41, 6.074, 123.929



60, 73.881, 122.909



11, 20.164, 127.184

Inverse Universe

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



55, 43.040, 306.752



65, 65.114, 307.390



59, 46.539, 322.511



38, 6.178, 304.883



22, 90.634, 309.459



2, 19.861, 301.129

Previews

White Background



This preview shows how the CIELCh color 74, 40.090, 122.408 looks on a white background.

Color Contrast Check

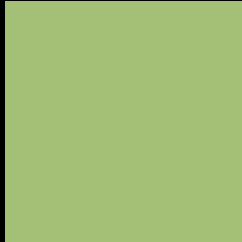
Large Text (above 18pt) WCAG AA × Fail

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, 40.090, 122.408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

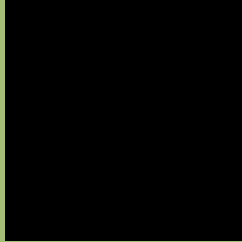
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 40.090, 122.408

Background



This preview shows how black text looks on a background with the CIELCh color 74, 40.090, 122.408.



This preview shows how white text looks on a background with the CIELCh color 74, 40.090, 122.408.

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](#).

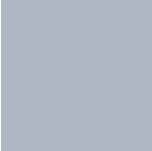
Dichromacy



Original Color
74, 40.090, 122.408

Protanopia
74, 36.317, 95.929

Deuteranopia
74, 33.799, 74.629



Tritanopia
74, 7.935, 272.559

Trichromacy



Original Color
74, 40.090, 122.408

Protanomaly
74, 36.563, 105.965

Deuteranomaly
74, 32.502, 93.588

Tritanomaly
74, 10.642, 139.100

Monochromacy



Original Color
74, 40.090, 122.408

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 15.122, 123.661

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 40.090, 122.408 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(164, 191, 118)` looks like.

```
.text, #text, p{  
    color:rgb(164, 191, 118)  
}
```

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(164, 191, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 191, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 40.090, 122.408 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(164, 191, 118) }
```

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

```
.border{ border-color:rgb(164, 191, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 191, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 191, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 191, 118);  
box-shadow:4px 4px 4px 4px rgb(164, 191,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 40.090, 122.408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 191, 118) }
```

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

```
.background{ background-color: rgb(164,  
191, 118) }
```

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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