

Converting Colors

CIELCh(74, 63.093, 117.810)

Have a look what the booklet for
CIELCh(74, 63.093, 117.810)
contains.

CIELCh(74, 62.992, 117.610)	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, 62.992, 117.610)

Conversions

Conversions Part 1

Format	Color
Hex	A0C248
RGB	160, 194, 72
RGB Percent	63%, 76%, 28%
CMY	0.3713, 0.2380, 0.7164
CMYK	0.17, 0.00, 0.63, 0.24
HSL	77°, 50%, 52%
HSV	77°, 63%, 76%
XYZ	35.1041, 46.7039, 13.3482
YIQ	169.9260, 18.8980, -45.1500

Conversions

Conversions Part 2

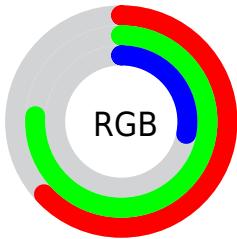
Format	Color
RYB	72, 194, 106
Decimal	10535496
CIELab	74.00, -29.19, 55.82
CIELCh	74, 62.992, 117.610
Yxy	46.7039, 0.3689, 0.4908
Android (android.graphics.Color)	4288725576 (0xFFA0C248)
YUV	169.9260, -48.2775, -8.7051
Hunter-Lab	68.3403, -27.9060, 36.2577

Details

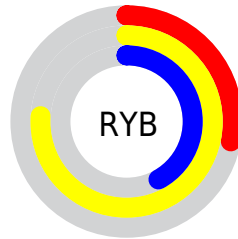
The CIELCh color **74, 62.992, 117.610** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **41, 73.285, 306.214**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 63.018, 117.792**, and **54, 62.934, 117.556** is the 20% darker color. If you saturate the color by 10%, you get **74, 70.709, 117.466**, and if you desaturate by 10%, it is **75, 54.128, 117.975**.

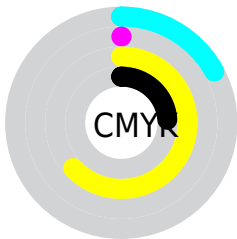
Distribution



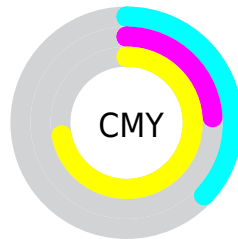
- Red (63%)
- Green (76%)
- Blue (28%)



- Red (28%)
- Yellow (76%)
- Blue (42%)



- Cyan (17%)
- Magenta (0%)
- Yellow (63%)
- Black (24%)





- Cyan (37%)
- Magenta (24%)
- Yellow (72%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 62.992, 117.610 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, 62.992, 117.610 by changing the saturation by 10% instead.


 74, 62.992,
117.610


 74, 62.992,
117.610


 100, 62.992,
117.610


 64, 62.992,
117.610


 94, 62.992,
117.610

 54, 62.992,
117.610

 44, 62.992,
117.610

 34, 62.992,
117.610

 24, 62.992,
117.610

 14, 62.992,
117.610

 4, 62.992, 117.610

0, 62.992, 117.610

74, 62.992,
117.610

74, 62.992,
117.610

74, 70.709,
117.466

75, 54.128,
117.975

73, 76.804,
117.642

75, 44.507,
118.472

73, 80.882,
118.239

76, 34.416,
119.041

72, 82.805,
118.879

77, 24.046,
119.642

77, 13.526,
120.248

78, 2.943, 120.849

■ 79, 7.642, 301.398

■ 80, 18.187,
301.939

■ 81, 28.661,
302.444

Harmonies

Complementary

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



74, 62.992, 117.610



41, 73.285, 306.214

Rectangle

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



74, 62.992, 117.610



74, 62.992, 167.610



74, 62.992, 297.610



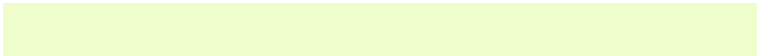
74, 62.992, 347.610

Sweetspot

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



74, 62.993, 117.612



97, 24.823, 119.854



54, 47.150, 46.009



52, 17.208, 119.676



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, 62.993, 117.612



93, 88.862, 117.484



71, 71.885, 134.300



41, 5.984, 120.453



61, 71.832, 118.684



11, 19.555, 122.753

Inverse Universe

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



41, 73.285, 306.214



45, 107.814, 307.383



48, 73.801, 320.217



38, 6.099, 301.567



20, 92.135, 308.152



2, 19.707, 298.619

Previews

White Background



This preview shows how the CIELCh color 74, 62.992, 117.610 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, 62.992, 117.610 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, 62.992, 117.610

Background



This preview shows how black text looks on a background with the CIELCh color 74, 62.992, 117.610.



This preview shows how white text looks on a background with the CIELCh color 74, 62.992, 117.610.

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](#).

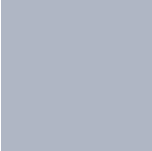
Dichromacy



Original Color
74, 62.992, 117.610

Protanopia
74, 58.309, 95.794

Deuteranopia
74, 55.065, 80.307



Tritanopia
74, 7.935, 272.559

Trichromacy



Original Color
74, 62.992, 117.610

Protanomaly
74, 58.741, 104.064

Deuteranomaly
74, 54.454, 95.570

Tritanomaly
73, 19.855, 126.685

Monochromacy



Original Color
74, 62.992, 117.610

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 24.831, 119.918

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 62.992, 117.610 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(160, 194, 72)` looks like.

```
.text, #text, p{  
    color:rgb(160, 194, 72)  
}
```

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(160, 194, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 194, 72) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 62.992, 117.610 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(160, 194, 72) }
```

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

```
.border{ border-color:rgb(160, 194, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 194, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 194, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 194, 72);  
box-shadow:4px 4px 4px 4px rgb(160, 194,  
72) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 62.992, 117.610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 194, 72) }
```

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

```
.background{ background-color: rgb(160,  
194, 72) }
```

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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