

Converting Colors

CIELCh(74, 64.388, 113.976)

Have a look what the booklet for
CIELCh(74, 64.388, 113.976)
contains.

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Color

CIELCh(74, 64.618, 114.106)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | A7C141 |
| RGB | 167, 193, 65 |
| RGB Percent | 65%, 76%, 25% |
| CMY | 0.3453, 0.2433, 0.7453 |
| CMYK | 0.13, 0.00, 0.66, 0.24 |
| HSL | 72°, 51%, 51% |
| HSV | 72°, 66%, 76% |
| XYZ | 35.9331, 46.7039, 12.1131 |
| YIQ | 170.6340, 25.5920, -45.3200 |

Conversions

Conversions Part 2

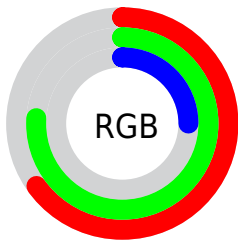
| Format | Color |
|-------------------------------------|--|
| RYB | 65, 193, 91 |
| Decimal | 10993985 |
| CIELab | 74.00, -26.39, 58.98 |
| CIELCh | 74, 64.618, 114.106 |
| Yxy | 46.7039, 0.3792, 0.4929 |
| Android (android.graphics.Color) | 4289184065 (0xFFA7C141) |
| YUV | 170.6340, -52.0776, -3.1870 |
| Hunter-Lab | 68.3403, -25.7407, 37.3292 |

Details

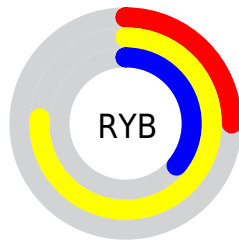
The CIELCh color **74, 64.618, 114.106** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **38, 77.315, 304.824**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 64.473, 113.830**, and **54, 63.179, 114.145** is the 20% darker color. If you saturate the color by 10%, you get **74, 71.583, 113.949**, and if you desaturate by 10%, it is **74, 56.329, 114.498**.

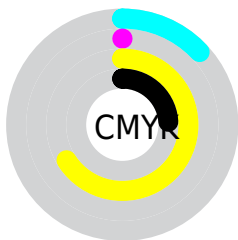
Distribution



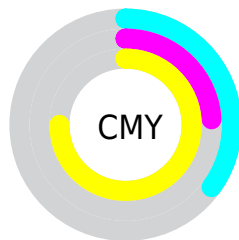
- Red (65%)
- Green (76%)
- Blue (25%)



- Red (25%)
- Yellow (76%)
- Blue (36%)



- Cyan (13%)
- Magenta (0%)
- Yellow (66%)
- Black (24%)





- Cyan (35%)
- Magenta (24%)
- Yellow (75%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 64.618, 114.106 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, 64.618, 114.106 by changing the saturation by 10% instead.

 74, 64.618,
114.106

 74, 64.618,
114.106


 100, 64.618,
114.106


 64, 64.618,
114.106


 94, 64.618,
114.106

 54, 64.618,
114.106

 44, 64.618,
114.106

 34, 64.618,
114.106

 24, 64.618,
114.106

 14, 64.618,
114.106

 4, 64.618, 114.106

0, 64.618, 114.106

74, 64.618,
114.106

74, 64.618,
114.106

74, 71.583,
113.949

74, 56.329,
114.498

73, 76.750,
114.113

75, 47.147,
115.037

73, 79.839,
114.666

76, 37.396,
115.663

73, 80.706,
114.913

76, 27.299,
116.333

77, 17.002,
117.018

78, 6.604, 117.697

■ 78, 3.829, 298.351

■ 79, 14.250,
298.985

■ 80, 24.626,
299.584

Harmonies

Complementary

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



74, 64.618, 114.106



38, 77.315, 304.824

Rectangle

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



74, 64.618, 114.106



74, 64.618, 164.106



74, 64.618, 294.106



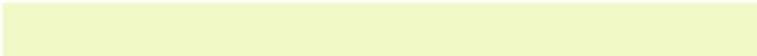
74, 64.618, 344.106

Sweetspot

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



74, 64.619, 114.108



96, 25.642, 116.745



51, 51.888, 41.000



51, 17.471, 116.551



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, 64.619, 114.108



93, 90.339, 113.983



70, 73.421, 132.465



41, 5.927, 117.492



62, 70.417, 114.763



11, 19.145, 118.726

Inverse Universe

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



38, 77.315, 304.824



40, 114.011, 306.437



45, 76.627, 318.213



38, 6.048, 298.774



20, 93.162, 307.358



1, 19.612, 296.610

Previews

White Background



This preview shows how the CIELCh color 74, 64.618, 114.106 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, 64.618, 114.106 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, 64.618, 114.106

Background



This preview shows how black text looks on a background with the CIELCh color 74, 64.618, 114.106.



This preview shows how white text looks on a background with the CIELCh color 74, 64.618, 114.106.

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, 64.618, 114.106

Protanopia

74, 61.219, 95.480

Deuteranopia

74, 58.235, 80.820



Tritanopia
74, 8.149, 293.494

Trichromacy



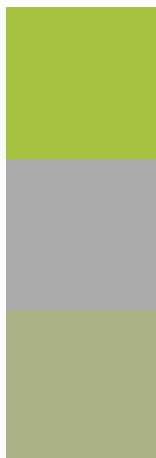
Original Color
74, 64.618, 114.106

Protanomaly
74, 61.608, 102.587

Deuteranomaly
74, 57.939, 93.518

Tritanomaly
74, 20.191, 118.397

Monochromacy



Original Color
74, 64.618, 114.106

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 25.568, 115.862

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 64.618, 114.106 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(167, 193, 65)` looks like.

```
.text, #text, p{  
    color:rgb(167, 193, 65)  
}
```

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(167, 193, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 193, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 64.618, 114.106 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(167, 193, 65) }
```

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

```
.border{ border-color:rgb(167, 193, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 193, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 193, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 193, 65);  
box-shadow:4px 4px 4px 4px rgb(167, 193,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 64.618, 114.106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 193, 65) }
```

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

```
.background{ background-color: rgb(167,  
193, 65) }
```

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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