

Converting Colors

CIELCh(74, 64.237, 113.257)

Have a look what the booklet for
CIELCh(74, 64.237, 113.257)
contains.

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Color

CIELCh(74, 64.003, 113.081)

Conversions

Conversions Part 1

Format	Color
Hex	A9C041
RGB	169, 192, 65
RGB Percent	66%, 75%, 25%
CMY	0.3359, 0.2457, 0.7438
CMYK	0.12, 0.00, 0.66, 0.25
HSL	71°, 50%, 51%
HSV	71°, 66%, 75%
XYZ	36.3223, 46.7039, 12.1521
YIQ	170.6450, 27.0590, -44.3730

Conversions

Conversions Part 2

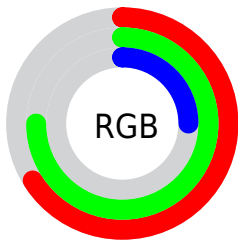
Format	Color
RYB	65, 192, 88
Decimal	11124801
CIELab	74.00, -25.09, 58.88
CIELCh	74, 64.003, 113.081
Yxy	46.7039, 0.3816, 0.4907
Android (android.graphics.Color)	4289314881 (0xFFA9C041)
YUV	170.6450, -52.0830, -1.4427
Hunter-Lab	68.3403, -24.7242, 37.2954

Details

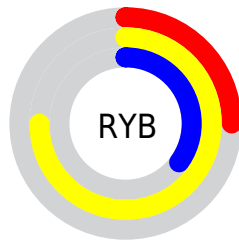
The CIELCh color **74, 64.003, 113.081** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **37, 76.820, 304.304**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 63.878, 112.853**, and **54, 62.982, 113.359** is the 20% darker color. If you saturate the color by 10%, you get **74, 70.952, 112.875**, and if you desaturate by 10%, it is **74, 55.743, 113.511**.

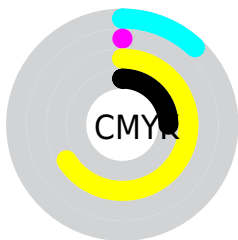
Distribution



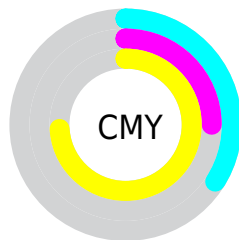
- Red (66%)
- Green (75%)
- Blue (25%)



- Red (25%)
- Yellow (75%)
- Blue (35%)



- Cyan (12%)
- Magenta (0%)
- Yellow (66%)
- Black (25%)





- Cyan (34%)
- Magenta (25%)
- Yellow (74%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 64.003, 113.081 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, 64.003, 113.081 by changing the saturation by 10% instead.


 74, 64.003,
113.081


 74, 64.003,
113.081


 100, 64.003,
113.081


 64, 64.003,
113.081


 94, 64.003,
113.081

 54, 64.003,
113.081

 44, 64.003,
113.081

 34, 64.003,
113.081

 24, 64.003,
113.081

 14, 64.003,
113.081

 4, 64.003, 113.081

0, 64.003, 113.081

74, 64.003,
113.081

74, 64.003,
113.081

74, 70.952,
112.875

74, 55.743,
113.511

73, 76.115,
112.974

75, 46.599,
114.081

73, 79.192,
113.446

75, 36.893,
114.736

73, 80.105,
113.684

76, 26.844,
115.433

77, 16.598,
116.143

77, 6.251, 116.847

■ 78, 4.133, 297.531

■ 79, 14.507,
298.189

■ 80, 24.839,
298.814

Harmonies

Complementary

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



74, 64.003, 113.081



37, 76.820, 304.304

Rectangle

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



74, 64.003, 113.081



74, 64.003, 163.081



74, 64.003, 293.081



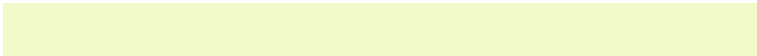
74, 64.003, 343.081

Sweetspot

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



74, 64.004, 113.083



96, 25.579, 115.838



50, 52.455, 38.630



51, 17.427, 115.637



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, 64.004, 113.083



93, 89.339, 112.874



70, 72.255, 131.572



41, 5.913, 116.613



62, 70.067, 113.550



11, 19.045, 117.492

Inverse Universe

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



37, 76.820, 304.304



40, 113.048, 306.004



44, 76.076, 317.193



38, 6.036, 297.949



19, 93.416, 307.173



1, 19.589, 296.019

Previews

White Background



This preview shows how the CIELCh color 74, 64.003, 113.081 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, 64.003, 113.081 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, 64.003, 113.081

Background



This preview shows how black text looks on a background with the CIELCh color 74, 64.003, 113.081.



This preview shows how white text looks on a background with the CIELCh color 74, 64.003, 113.081.

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, 64.003, 113.081

Protanopia
74, 61.219, 95.480

Deuteranopia
74, 58.235, 80.820



Tritanopia
74, 7.685, 299.030

Trichromacy



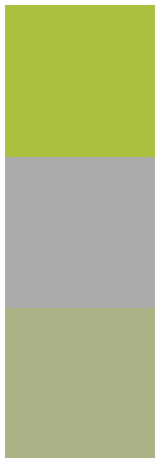
Original Color
74, 64.003, 113.081

Protanomaly
74, 61.626, 102.178

Deuteranomaly
74, 57.519, 93.485

Tritanomaly
73, 20.019, 115.077

Monochromacy



Original Color
74, 64.003, 113.081

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 25.044, 116.074

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 64.003, 113.081 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(169, 192, 65)` looks like.

```
.text, #text, p{  
    color:rgb(169, 192, 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(169, 192, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 192, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 64.003, 113.081 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(169, 192, 65) }
```

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

```
.border{ border-color:rgb(169, 192, 65) }
```

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

Here you see how a box with a 4 pixel rgb(169, 192, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 192, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 192, 65);  
box-shadow:4px 4px 4px 4px rgb(169, 192,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 64.003, 113.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 192, 65) }
```

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

```
.background{ background-color: rgb(169,  
192, 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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