

Converting Colors

CIELCh(74, 75.960, 113.054)

Have a look what the booklet for
CIELCh(74, 75.960, 113.054)
contains.

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Color

CIELCh(74, 75.787, 113.078)

Conversions

Conversions Part 1

Format	Color
Hex	A4C21F
RGB	164, 194, 31
RGB Percent	64%, 76%, 12%
CMY	0.3559, 0.2383, 0.8771
CMYK	0.15, 0.00, 0.84, 0.24
HSL	71°, 72%, 44%
HSV	71°, 84%, 76%
XYZ	34.9536, 46.7039, 8.4921
YIQ	166.4480, 34.4430, -57.0530

Conversions

Conversions Part 2

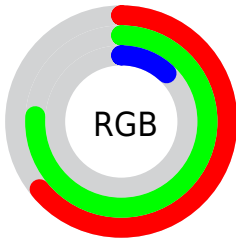
Format	Color
RYB	31, 194, 61
Decimal	10797599
CIELab	74.00, -29.71, 69.72
CIELCh	74, 75.787, 113.078
Yxy	46.7039, 0.3877, 0.5181
Android (android.graphics.Color)	4288987679 (0xFFA4C21F)
YUV	166.4480, -66.7759, -2.1469
Hunter-Lab	68.3403, -28.2992, 40.4707

Details

The CIELCh color **74, 75.787, 113.078** is a dark color, and the websafe version is hex **99CC33**. The color can be described as dark washed chartreuse. A complement of this color would be **29, 97.028, 306.383**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 75.859, 113.342**, and **54, 64.029, 115.980** is the 20% darker color. If you saturate the color by 10%, you get **74, 79.336, 113.483**, and if you desaturate by 10%, it is **74, 70.159, 113.045**.

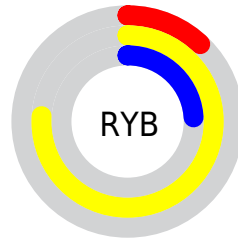
Distribution



Red (64%)

Green (76%)

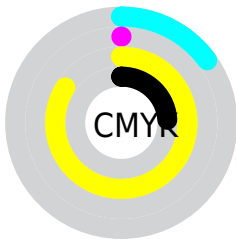
Blue (12%)



Red (12%)

Yellow (76%)

Blue (24%)

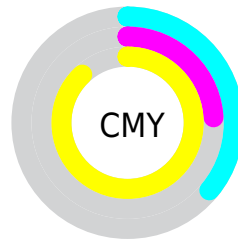


Cyan (15%)

Magenta (0%)

Yellow (84%)

Black (24%)



Cyan (36%)


Magenta (24%)


Yellow (88%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 75.787, 113.078 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, 75.787, 113.078 by changing the saturation by 10% instead.


 74, 75.787,
113.078

 74, 75.787,
113.078


 100, 75.787,
113.078


 64, 75.787,
113.078


 94, 75.787,
113.078

 54, 75.787,
113.078

 44, 75.787,
113.078

 34, 75.787,
113.078

 24, 75.787,
113.078

 14, 75.787,
113.078

 4, 75.787, 113.078

■ 0, 75.787, 113.078

■ 74, 75.787,
113.078

■ 74, 75.787,
113.078

■ 74, 79.336,
113.483

■ 74, 70.159,
113.045

■ 74, 80.751,
113.863

■ 75, 62.827,
113.302

■ 75, 54.272,
113.762

■ 76, 44.906,
114.351

■ 76, 35.028,
115.015

■ 77, 24.842,
115.713

■ 77, 14.481,
116.420

■ 78, 4.035, 117.119

■ 79, 6.436, 297.793

Harmonies

Complementary

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



74, 75.787, 113.078



29, 97.028, 306.383

Rectangle

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



74, 75.787, 113.078



74, 75.787, 163.078



74, 75.787, 293.078



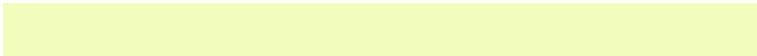
74, 75.787, 343.078

Sweetspot

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



74, 75.787, 113.080



97, 32.174, 115.605



46, 69.320, 41.837



52, 22.085, 115.353



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, 75.787, 113.080



93, 98.418, 114.026



70, 86.807, 131.948



41, 5.915, 116.736



62, 70.114, 113.720



11, 19.058, 117.665

Inverse Universe

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



29, 97.028, 306.383



33, 131.284, 307.012



39, 91.161, 317.613



38, 6.038, 298.064



19, 93.382, 307.197



1, 19.592, 296.101

Previews

White Background



This preview shows how the CIELCh color 74, 75.787, 113.078 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, 75.787, 113.078 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, 75.787, 113.078

Background



This preview shows how black text looks on a background with the CIELCh color 74, 75.787, 113.078.



This preview shows how white text looks on a background with the CIELCh color 74, 75.787, 113.078.

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, 75.787, 113.078

Protanopia
74, 71.897, 95.325

Deuteranopia
74, 68.436, 82.014



Tritanopia
74, 7.608, 285.486

Trichromacy



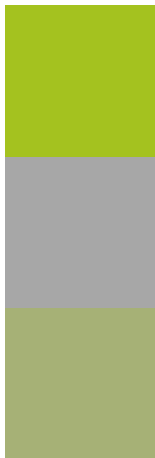
Original Color
74, 75.787, 113.078

Protanomaly
74, 72.275, 101.821

Deuteranomaly
73, 68.381, 94.078

Tritanomaly
73, 27.683, 117.596

Monochromacy



Original Color
74, 75.787, 113.078

Achromatopsia
68, 0.008, 296.813

Achromatomaly
70, 31.996, 115.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 75.787, 113.078 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, 194, 31)` looks like.

```
.text, #text, p{  
    color:rgb(164, 194, 31)  
}
```

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, 194, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 194, 31) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 75.787, 113.078 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, 194, 31) }
```

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

```
.border{ border-color:rgb(164, 194, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 194, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 194, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 194, 31);  
box-shadow:4px 4px 4px 4px rgb(164, 194,  
31) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 75.787, 113.078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 194, 31) }
```

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

```
.background{ background-color: rgb(164,  
194, 31) }
```

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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