

Converting Colors

CIELCh(74, 61.488, 123.921)

Have a look what the booklet for
CIELCh(74, 61.488, 123.921)
contains.

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Color

CIELCh(74, 61.488, 123.921)

Conversions

Conversions Part 1

Format	Color
Hex	94C553
RGB	148, 197, 83
RGB Percent	58%, 77%, 33%
CMY	0.4206, 0.2285, 0.6755
CMYK	0.25, 0.00, 0.58, 0.23
HSL	86°, 49%, 55%
HSV	86°, 58%, 77%
XYZ	33.6225, 46.7039, 15.3758
YIQ	169.3530, 7.3900, -45.8420

Conversions

Conversions Part 2

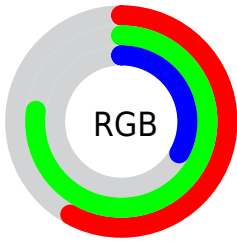
Format	Color
RYB	83, 197, 132
Decimal	9749843
CIELab	74.00, -34.31, 51.02
CIELCh	74, 61.488, 123.921
Yxy	46.7039, 0.3513, 0.4880
Android (android.graphics.Color)	4287939923 (0xFF94C553)
YUV	169.3530, -42.5720, -18.7266
Hunter-Lab	68.3403, -31.7758, 34.4986

Details

The CIELCh color **74, 61.488, 123.921** 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 **46, 68.196, 309.939**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 61.620, 124.073**, and **54, 61.408, 123.857** is the 20% darker color. If you saturate the color by 10%, you get **73, 70.343, 123.749**, and if you desaturate by 10%, it is **75, 51.704, 124.276**.

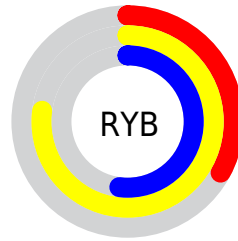
Distribution



Red (58%)

Green (77%)

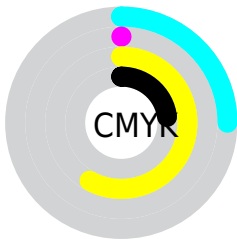
Blue (33%)



Red (33%)

Yellow (77%)

Blue (52%)

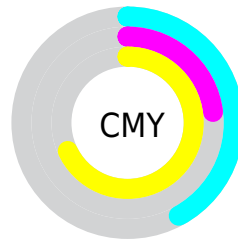


Cyan (25%)

Magenta (0%)

Yellow (58%)

Black (23%)



Cyan (42%)


Magenta (23%)


Yellow (68%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 61.488, 123.921 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, 61.488, 123.921 by changing the saturation by 10% instead.


 74, 61.488,
123.921


 74, 61.488,
123.921


 100, 61.488,
123.921


 64, 61.488,
123.921


 94, 61.488,
123.921

 54, 61.488,
123.921

 44, 61.488,
123.921

 34, 61.488,
123.921

 24, 61.488,
123.921

 14, 61.488,
123.921

 4, 61.488, 123.921

0, 61.488, 123.921

74, 61.488,
123.921

74, 61.488,
123.921

73, 70.343,
123.749

75, 51.704,
124.276

73, 77.821,
123.865

76, 41.329,
124.728

72, 83.459,
124.397

76, 30.604,
125.223

72, 87.097,
125.391

77, 19.693,
125.727

72, 87.750,
125.605

79, 8.709, 126.223

80, 2.271, 306.636

81, 13.190,

307.103

■ 82, 24.009,
307.505

■ 83, 32.275,
308.995

Harmonies

Complementary

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



74, 61.488, 123.921



46, 68.196, 309.939

Rectangle

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



74, 61.488, 123.921



74, 61.488, 173.921



74, 61.488, 303.921



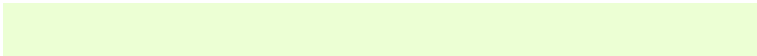
74, 61.488, 353.921

Sweetspot

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



74, 61.489, 123.922



98, 23.040, 125.761



60, 41.481, 60.008



52, 15.408, 125.659



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, 61.489, 123.922



92, 88.576, 123.748



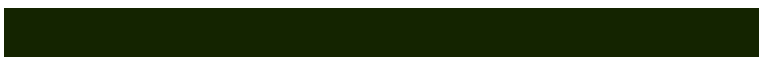
71, 70.617, 137.943



42, 6.279, 126.151



60, 76.241, 125.380



12, 22.298, 128.670

Inverse Universe

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



46, 68.196, 309.939



51, 100.953, 310.601



53, 70.663, 324.778



39, 6.377, 307.027



24, 90.602, 310.525



2, 22.118, 303.490

Previews

White Background



This preview shows how the CIELCh color 74, 61.488, 123.921 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, 61.488, 123.921 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, 61.488, 123.921

Background



This preview shows how black text looks on a background with the CIELCh color 74, 61.488, 123.921.



This preview shows how white text looks on a background with the CIELCh color 74, 61.488, 123.921.

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, 61.488, 123.921

Protanopia

74, 54.433, 95.604

Deuteranopia

74, 49.778, 79.398



Tritanopia
74, 10.623, 244.714

Trichromacy



Original Color
74, 61.488, 123.921

Protanomaly
74, 54.880, 107.138

Deuteranomaly
73, 49.898, 98.286

Tritanomaly
74, 21.196, 143.400

Monochromacy



Original Color
74, 61.488, 123.921

Achromatopsia
69, 0.009, 296.813

Achromatomaly
71, 23.317, 125.822

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 61.488, 123.921 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(148, 197, 83)` looks like.

```
.text, #text, p{  
    color:rgb(148, 197, 83)  
}
```

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(148, 197, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 197, 83) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 61.488, 123.921 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(148, 197, 83) }
```

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

```
.border{ border-color:rgb(148, 197, 83) }
```

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

Here you see how a box with a 4 pixel rgb(148, 197, 83) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 197, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 197, 83);  
box-shadow:4px 4px 4px 4px rgb(148, 197,  
83) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 61.488, 123.921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 197, 83) }
```

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

```
.background{ background-color: rgb(148,  
197, 83) }
```

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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