

Converting Colors

CIELCh(74, 60.905, 126.021)

Have a look what the booklet for
CIELCh(74, 60.905, 126.021)
contains.

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Color

CIELCh(74, 60.807, 125.736)

Conversions

Conversions Part 1

Format	Color
Hex	90C556
RGB	144, 197, 86
RGB Percent	56%, 77%, 34%
CMY	0.4341, 0.2262, 0.6616
CMYK	0.27, 0.00, 0.56, 0.23
HSL	89°, 49%, 56%
HSV	89°, 56%, 77%
XYZ	33.2811, 46.7039, 16.1252
YIQ	168.4990, 4.0430, -45.7570

Conversions

Conversions Part 2

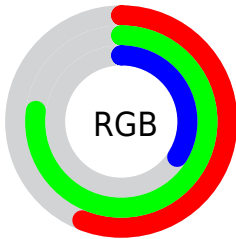
Format	Color
RYB	86, 197, 139
Decimal	9487702
CIELab	74.00, -35.51, 49.36
CIELCh	74, 60.807, 125.736
Yxy	46.7039, 0.3463, 0.4859
Android (android.graphics.Color)	4287677782 (0xFF90C556)
YUV	168.4990, -40.6720, -21.4856
Hunter-Lab	68.3403, -32.6676, 33.8485

Details

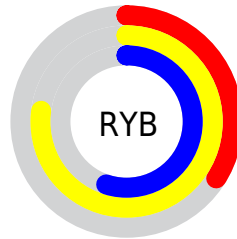
The CIELCh color **74, 60.807, 125.736** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **47, 66.482, 311.236**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 60.838, 125.836**, and **54, 60.818, 125.710** is the 20% darker color. If you saturate the color by 10%, you get **73, 70.016, 125.524**, and if you desaturate by 10%, it is **75, 50.732, 126.110**.

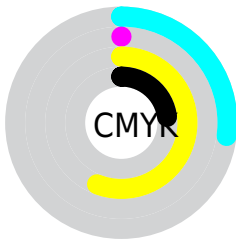
Distribution



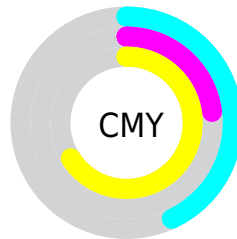
- Red (56%)
- Green (77%)
- Blue (34%)



- Red (34%)
- Yellow (77%)
- Blue (55%)



- Cyan (27%)
- Magenta (0%)
- Yellow (56%)
- Black (23%)





- Cyan (43%)
- Magenta (23%)
- Yellow (66%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 74, 60.807, 125.736 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, 60.807, 125.736 by changing the saturation by 10% instead.


 74, 60.807,
125.736

 74, 60.807,
125.736


 100, 60.807,
125.736


 64, 60.807,
125.736


 94, 60.807,
125.736

 54, 60.807,
125.736

 44, 60.807,
125.736

 34, 60.807,
125.736

 24, 60.807,
125.736

 14, 60.807,
125.736

 4, 60.807, 125.736

0, 60.807, 125.736

74, 60.807,
125.736

74, 60.807,
125.736

73, 70.016,
125.524

75, 50.732,
126.110

73, 77.924,
125.580

76, 40.114,
126.566

72, 84.056,
126.030

77, 29.182,
127.052

72, 88.115,
126.963

78, 18.094,
127.540

72, 89.341,
127.353

79, 6.959, 128.015

80, 4.148, 308.409

81, 15.171,

308.831

■ 83, 26.073,
309.201

■ 84, 32.436,
311.851

Harmonies

Complementary

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



74, 60.807, 125.736



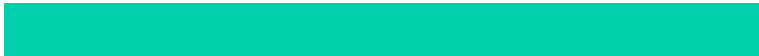
47, 66.482, 311.236

Rectangle

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



74, 60.807, 125.736



74, 60.807, 175.736



74, 60.807, 305.736



74, 60.807, 355.736

Sweetspot

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



74, 60.808, 125.737



98, 23.287, 127.492



62, 40.260, 65.104



52, 15.575, 127.393



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, 60.808, 125.737



92, 87.768, 125.507



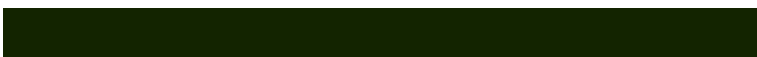
72, 69.921, 139.071



41, 6.344, 127.867



60, 77.439, 127.124



12, 22.684, 130.572

Inverse Universe

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



47, 66.482, 311.236



53, 98.128, 311.787



54, 69.582, 326.268



39, 6.434, 308.694



25, 89.701, 311.502



2, 22.280, 305.115

Previews

White Background



This preview shows how the CIELCh color 74, 60.807, 125.736 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, 60.807, 125.736 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, 60.807, 125.736

Background



This preview shows how black text looks on a background with the CIELCh color 74, 60.807, 125.736.

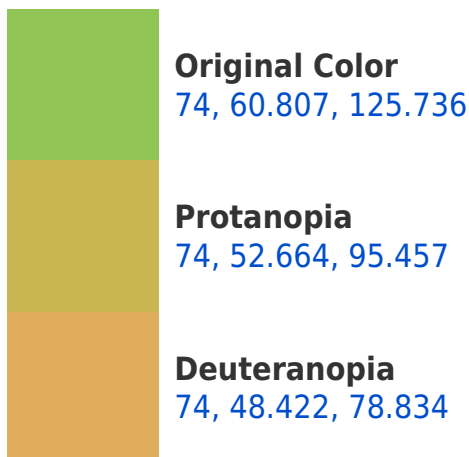


This preview shows how white text looks on a background with the CIELCh color 74, 60.807, 125.736.

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





Tritanopia
74, 11.684, 243.197

Trichromacy



Original Color
74, 60.807, 125.736

Protanomaly
73, 53.578, 108.234

Deuteranomaly
73, 47.895, 99.254

Tritanomaly
73, 20.997, 147.388

Monochromacy



Original Color
74, 60.807, 125.736

Achromatopsia
69, 0.009, 296.813

Achromatomaly
71, 22.940, 127.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 60.807, 125.736 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(144, 197, 86)` looks like.

```
.text, #text, p{  
    color:rgb(144, 197, 86)  
}
```

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(144, 197, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 197, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 60.807, 125.736 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(144, 197, 86) }
```

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

```
.border{ border-color:rgb(144, 197, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 197, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 197, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 197, 86);  
box-shadow:4px 4px 4px 4px rgb(144, 197,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 60.807, 125.736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 197, 86) }
```

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

```
.background{ background-color: rgb(144,  
197, 86) }
```

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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