

Converting Colors

CIELCh(74, 58.097, 126.476)

Have a look what the booklet for
CIELCh(74, 58.097, 126.476)
contains.

CIELCh(74, 58.097, 126.476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(74, 58.097, 126.476)

Conversions

Conversions Part 1

Format	Color
Hex	91C55C
RGB	145, 197, 92
RGB Percent	57%, 77%, 36%
CMY	0.4315, 0.2276, 0.6393
CMYK	0.26, 0.00, 0.53, 0.23
HSL	90°, 47%, 57%
HSV	90°, 53%, 77%
XYZ	33.5585, 46.7039, 17.3634
YIQ	169.4820, 2.7130, -43.6790

Conversions

Conversions Part 2

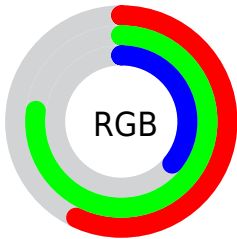
Format	Color
RYB	92, 197, 144
Decimal	9553244
CIELab	74.00, -34.54, 46.72
CIELCh	74, 58.097, 126.476
Yxy	46.7039, 0.3437, 0.4784
Android (android.graphics.Color)	4287743324 (0xFF91C55C)
YUV	169.4820, -38.1986, -21.4707
Hunter-Lab	68.3403, -31.9430, 32.7743

Details

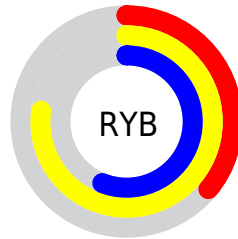
The CIELCh color **74, 58.097, 126.476** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **49, 62.945, 311.620**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 58.060, 126.547**, and **54, 58.296, 126.475** is the 20% darker color. If you saturate the color by 10%, you get **73, 67.647, 126.203**, and if you desaturate by 10%, it is **75, 47.790, 126.883**.

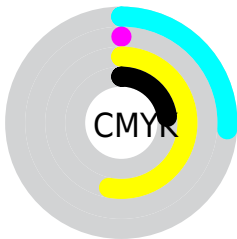
Distribution



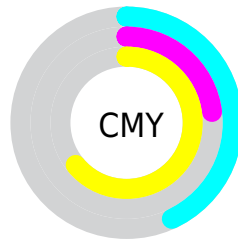
- Red (57%)
- Green (77%)
- Blue (36%)



- Red (36%)
- Yellow (77%)
- Blue (56%)



- Cyan (26%)
- Magenta (0%)
- Yellow (53%)
- Black (23%)



- Cyan (43%)
- Magenta (23%)
- Yellow (64%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 58.097, 126.476 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, 58.097, 126.476 by changing the saturation by 10% instead.


 74, 58.097,
126.476

 74, 58.097,
126.476

 100, 58.097,
126.476


 64, 58.097,
126.476


 94, 58.097,
126.476

 54, 58.097,
126.476

 44, 58.097,
126.476

 34, 58.097,
126.476

 24, 58.097,
126.476

 14, 58.097,
126.476

 4, 58.097, 126.476

0, 58.097, 126.476

74, 58.097,
126.476

74, 58.097,
126.476

73, 67.647,
126.203

75, 47.790,
126.883

73, 76.035,
126.159

76, 37.017,
127.351

72, 82.783,
126.473

77, 25.987,
127.838

72, 87.497,
127.254

78, 14.839,
128.317

71, 89.744,
127.960

79, 3.675, 128.792

80, 7.438, 309.165

82, 18.448,

309.557

■ 83, 29.322,
309.907

■ 84, 33.064,
314.031

Harmonies

Complementary

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



74, 58.097, 126.476



49, 62.945, 311.620

Rectangle

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



74, 58.097, 126.476



74, 58.097, 176.476



74, 58.097, 306.476



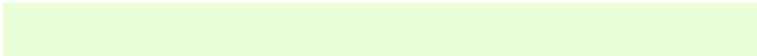
74, 58.097, 356.476

Sweetspot

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



74, 58.098, 126.477



98, 22.008, 128.178



64, 37.927, 67.112



52, 14.859, 128.078



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, 58.098, 126.477



92, 83.983, 126.176



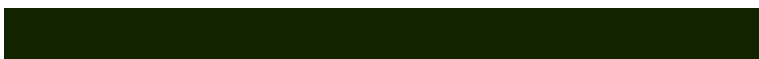
72, 66.879, 139.700



41, 6.369, 128.501



60, 77.887, 127.733



12, 22.832, 131.250

Inverse Universe

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



49, 62.945, 311.620



56, 92.764, 312.139



55, 66.532, 326.664



39, 6.457, 309.312



25, 89.362, 311.896



2, 22.349, 305.751

Previews

White Background



This preview shows how the CIELCh color 74, 58.097, 126.476 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, 58.097, 126.476 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, 58.097, 126.476

Background



This preview shows how black text looks on a background with the CIELCh color 74, 58.097, 126.476.



This preview shows how white text looks on a background with the CIELCh color 74, 58.097, 126.476.

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, 58.097, 126.476

Protanopia

74, 49.906, 95.246

Deuteranopia

74, 45.917, 78.258



Tritanopia
74, 11.684, 243.197

Trichromacy



Original Color
74, 58.097, 126.476

Protanomaly
74, 50.801, 108.175

Deuteranomaly
73, 45.490, 99.193

Tritanomaly
74, 19.906, 148.515

Monochromacy



Original Color
74, 58.097, 126.476

Achromatopsia
69, 0.009, 296.813

Achromatomaly
71, 21.928, 128.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 58.097, 126.476 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(145, 197, 92)` looks like.

```
.text, #text, p{  
    color:rgb(145, 197, 92)  
}
```

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(145, 197, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 197, 92) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 58.097, 126.476 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(145, 197, 92) }
```

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

```
.border{ border-color:rgb(145, 197, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 197, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 197, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 197, 92);  
box-shadow:4px 4px 4px 4px rgb(145, 197,  
92) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 58.097, 126.476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 197, 92) }
```

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

```
.background{ background-color: rgb(145,  
197, 92) }
```

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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