

Converting Colors

CIELCh(75, 54.558, 126.569)

Have a look what the booklet for
CIELCh(75, 54.558, 126.569)
contains.

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Color

CIELCh(75, 54.504, 126.798)

Conversions

Conversions Part 1

Format	Color
Hex	96C765
RGB	150, 199, 101
RGB Percent	59%, 78%, 40%
CMY	0.4117, 0.2195, 0.6039
CMYK	0.25, 0.00, 0.49, 0.22
HSL	90°, 47%, 59%
HSV	90°, 49%, 78%
XYZ	35.3561, 48.2781, 19.7702
YIQ	173.1770, 2.2540, -40.8660

Conversions

Conversions Part 2

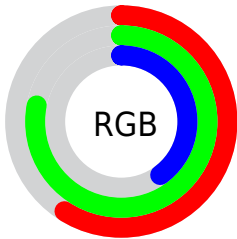
Format	Color
RYB	101, 199, 150
Decimal	9881445
CIELab	75.00, -32.65, 43.64
CIELCh	75, 54.504, 126.798
Yxy	48.2781, 0.3419, 0.4669
Android (android.graphics.Color)	4288071525 (0xFF96C765)
YUV	173.1770, -35.5833, -20.3262
Hunter-Lab	69.4824, -30.7646, 31.7676

Details

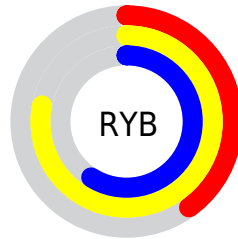
The CIELCh color **75, 54.504, 126.798** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **52, 58.602, 311.559**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 53.903, 126.659**, and **55, 54.762, 126.907** is the 20% darker color. If you saturate the color by 10%, you get **74, 64.502, 126.460**, and if you desaturate by 10%, it is **76, 43.875, 127.238**.

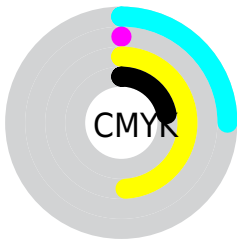
Distribution



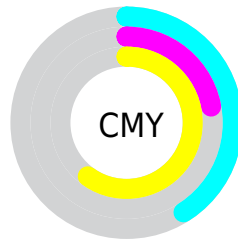
- Red (59%)
- Green (78%)
- Blue (40%)



- Red (40%)
- Yellow (78%)
- Blue (59%)



- Cyan (25%)
- Magenta (0%)
- Yellow (49%)
- Black (22%)





- Cyan (41%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 54.504, 126.798 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 75, 54.504, 126.798 by changing the saturation by 10% instead.

 75, 54.504,
126.798


 75, 54.504,
126.798


 100, 54.504,
126.798


 65, 54.504,
126.798


 95, 54.504,
126.798

 55, 54.504,
126.798

 45, 54.504,
126.798

 35, 54.504,
126.798

 25, 54.504,
126.798

 15, 54.504,
126.798

 5, 54.504, 126.798

0, 54.504, 126.798

75, 54.504,
126.798

75, 54.504,
126.798

74, 64.502,
126.460

76, 43.875,
127.238

74, 73.501,
126.308

77, 32.871,
127.718

73, 81.042,
126.460

78, 21.670,
128.203

72, 86.663,
127.042

79, 10.398,
128.675

72, 90.338,
128.053

80, 0.859, 308.964

72, 90.591,
128.129

82, 12.040,
309.495

■ 83, 23.100,
309.867

■ 84, 31.426,
311.682

■ 85, 32.645,
317.449

Harmonies

Complementary

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



75, 54.504, 126.798



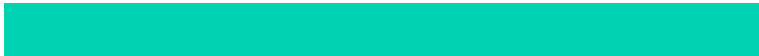
52, 58.602, 311.559

Rectangle

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



75, 54.504, 126.798



75, 54.504, 176.798



75, 54.504, 306.798



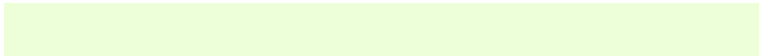
75, 54.504, 356.798

Sweetspot

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



75, 54.505, 126.799



98, 20.655, 128.395



66, 35.159, 69.276



52, 14.093, 128.293



0, 0.000, 0.000



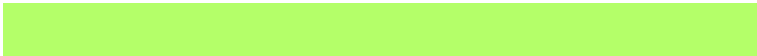
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75, 54.505, 126.799



93, 78.452, 126.444



73, 63.075, 140.457



41, 6.376, 128.669



60, 78.006, 127.891



12, 22.872, 131.427

Inverse Universe

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



52, 58.602, 311.559



59, 85.835, 312.071



58, 62.760, 326.997



39, 6.463, 309.476



25, 89.271, 312.004



2, 22.368, 305.923

Previews

White Background



This preview shows how the CIELCh color 75, 54.504, 126.798 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 75, 54.504, 126.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

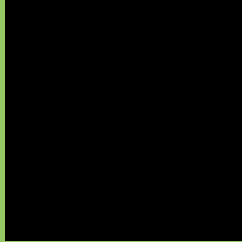
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 54.504, 126.798

Background



This preview shows how black text looks on a background with the CIELCh color 75, 54.504, 126.798.

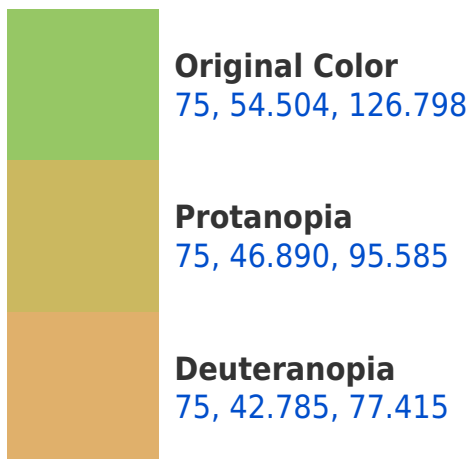


This preview shows how white text looks on a background with the CIELCh color 75, 54.504, 126.798.

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
75, 11.191, 245.548

Trichromacy



Original Color
75, 54.504, 126.798

Protanomaly
74, 47.413, 108.203

Deuteranomaly
74, 42.051, 98.520

Tritanomaly
75, 18.524, 148.984

Monochromacy



Original Color
75, 54.504, 126.798

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 20.068, 127.698

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 54.504, 126.798 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(150, 199, 101)` looks like.

```
.text, #text, p{  
    color:rgb(150, 199, 101)  
}
```

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(150, 199, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 199, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 54.504, 126.798 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(150, 199, 101) }
```

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

```
.border{ border-color:rgb(150, 199, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 199, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 199, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 199, 101);  
box-shadow:4px 4px 4px 4px rgb(150, 199,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 54.504, 126.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 199, 101) }
```

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

```
.background{ background-color: rgb(150,  
199, 101) }
```

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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