

Converting Colors

CIELCh(76, 59.518, 134.799)

Have a look what the booklet for
CIELCh(76, 59.518, 134.799)
contains.

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Color

CIELCh(76, 59.661, 134.949)

Conversions

Conversions Part 1

Format	Color
Hex	82CE6A
RGB	130, 206, 106
RGB Percent	51%, 81%, 42%
CMY	0.4905, 0.1924, 0.5846
CMYK	0.37, 0.00, 0.49, 0.19
HSL	106°, 50%, 61%
HSV	106°, 49%, 81%
XYZ	33.8469, 49.8872, 21.4629
YIQ	171.8760, -13.1960, -47.2120

Conversions

Conversions Part 2

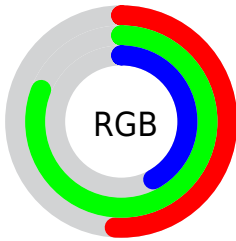
Format	Color
RYB	106, 206, 182
Decimal	8572522
CIELab	76.00, -42.15, 42.22
CIELCh	76, 59.661, 134.949
Yxy	49.8872, 0.3217, 0.4742
Android (android.graphics.Color)	4286762602 (0xFF82CE6A)
YUV	171.8760, -32.4769, -36.7253
Hunter-Lab	70.6309, -38.0654, 31.4249

Details

The CIELCh color **76, 59.661, 134.949** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **57, 61.186, 319.634**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 54.842, 134.410**, and **56, 59.738, 134.918** is the 20% darker color. If you saturate the color by 10%, you get **75, 70.784, 134.353**, and if you desaturate by 10%, it is **77, 47.813, 135.574**.

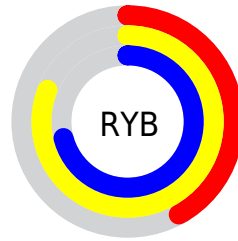
Distribution



Red (51%)

Green (81%)

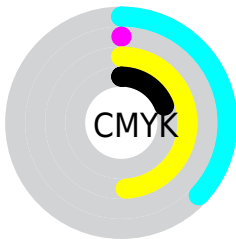
Blue (42%)



Red (42%)

Yellow (81%)

Blue (71%)

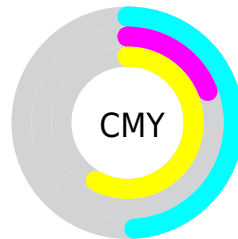


Cyan (37%)

Magenta (0%)

Yellow (49%)

Black (19%)



Cyan (49%)


Magenta (19%)


Yellow (58%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 59.661, 134.949 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 76, 59.661, 134.949 by changing the saturation by 10% instead.


 76, 59.661,
134.949


 76, 59.661,
134.949


 100, 59.661,
134.949


 66, 59.661,
134.949


 96, 59.661,
134.949

 56, 59.661,
134.949

 46, 59.661,
134.949

 36, 59.661,
134.949

 26, 59.661,
134.949

 16, 59.661,
134.949

 6, 59.661, 134.949

0, 59.661, 134.949

76, 59.661,
134.949

76, 59.661,
134.949

75, 70.784,
134.353

77, 47.813,
135.574

74, 80.765,
133.864

78, 35.546,
136.178

74, 89.092,
133.601

80, 23.088,
136.736

73, 95.246,
133.691

81, 10.604,
137.244

73, 99.069,
134.151

83, 1.788, 317.550

73, 99.528,
134.209

85, 14.004,
318.031

■ 87, 25.987,
318.367

■ 88, 30.768,
325.495

Harmonies

Complementary

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



76, 59.661, 134.949



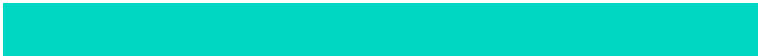
57, 61.186, 319.634

Rectangle

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



76, 59.661, 134.949



76, 59.661, 184.949



76, 59.661, 314.949



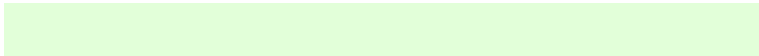
76, 59.661, 4.949

Sweetspot

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



76, 59.662, 134.950



97, 22.176, 136.912



74, 41.301, 91.176



51, 15.139, 136.801



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 59.662, 134.950



91, 83.360, 134.344



75, 53.727, 147.935



42, 6.979, 137.203



60, 84.514, 134.041



12, 26.727, 137.974

Inverse Universe

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



57, 61.186, 319.634



64, 85.685, 319.931



59, 53.881, 335.814



40, 7.024, 317.988



32, 85.808, 319.394



4, 26.539, 317.630

Previews

White Background



This preview shows how the CIELCh color 76, 59.661, 134.949 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 76, 59.661, 134.949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

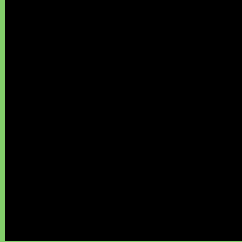
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 59.661, 134.949

Background



This preview shows how black text looks on a background with the CIELCh color 76, 59.661, 134.949.

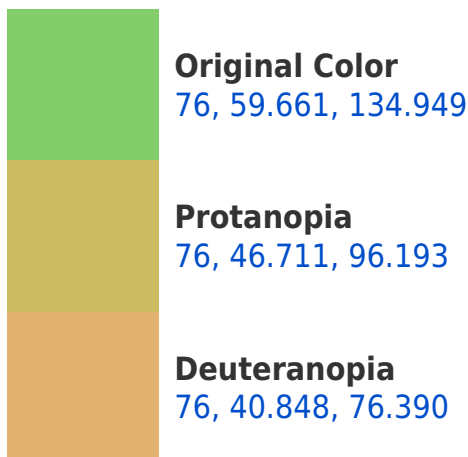


This preview shows how white text looks on a background with the CIELCh color 76, 59.661, 134.949.

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
76, 17.213, 228.682

Trichromacy



Original Color
76, 59.661, 134.949



Protanomaly
75, 48.205, 113.676



Deuteranomaly
75, 41.039, 104.465

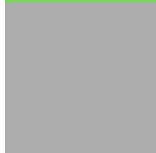


Tritanomaly
75, 24.958, 163.377

Monochromacy



Original Color
76, 59.661, 134.949



Achromatopsia
70, 0.009, 296.813



Achromatomaly
72, 22.148, 136.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 59.661, 134.949 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(130, 206, 106)` looks like.

```
.text, #text, p{  
    color:rgb(130, 206, 106)  
}
```

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(130, 206, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 206, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 59.661, 134.949 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(130, 206, 106) }
```

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

```
.border{ border-color:rgb(130, 206, 106) }
```

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

Here you see how a box with a 4 pixel rgb(130, 206, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 206, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 206, 106);  
box-shadow:4px 4px 4px 4px rgb(130, 206,  
106) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 59.661, 134.949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 206, 106) }
```

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

```
.background{ background-color: rgb(130,  
206, 106) }
```

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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