

Converting Colors

CIELCh(76, 47.906, 131.137)

Have a look what the booklet for
CIELCh(76, 47.906, 131.137)
contains.

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Color

CIELCh(76, 48.101, 131.426)

Conversions

Conversions Part 1

Format	Color
Hex	96CA77
RGB	150, 202, 119
RGB Percent	59%, 79%, 47%
CMY	0.4129, 0.2090, 0.5344
CMYK	0.26, 0.00, 0.41, 0.21
HSL	98°, 44%, 63%
HSV	98°, 41%, 79%
XYZ	36.8916, 49.8872, 25.0526
YIQ	176.9900, -4.3490, -36.8370

Conversions

Conversions Part 2

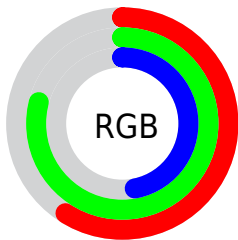
Format	Color
RYB	119, 202, 171
Decimal	9882231
CIELab	76.00, -31.83, 36.07
CIELCh	76, 48.101, 131.426
Yxy	49.8872, 0.3299, 0.4461
Android (android.graphics.Color)	4288072311 (0xFF96CA77)
YUV	176.9900, -28.5891, -23.6702
Hunter-Lab	70.6309, -30.3709, 28.4116

Details

The CIELCh color **76, 48.101, 131.426** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **58, 50.099, 315.160**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 45.772, 130.651**, and **56, 48.191, 131.483** is the 20% darker color. If you saturate the color by 10%, you get **75, 59.173, 130.945**, and if you desaturate by 10%, it is **77, 36.600, 131.935**.

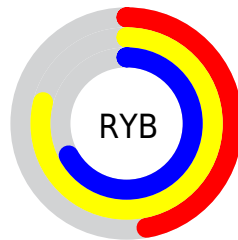
Distribution



Red (59%)

Green (79%)

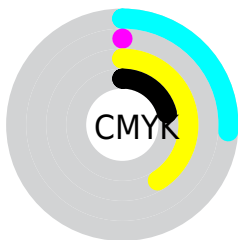
Blue (47%)



Red (47%)

Yellow (79%)

Blue (67%)

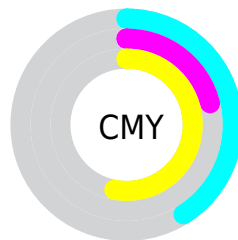


Cyan (26%)

Magenta (0%)

Yellow (41%)

Black (21%)



Cyan (41%)


Magenta (21%)


Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 48.101, 131.426 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, 48.101, 131.426 by changing the saturation by 10% instead.


 76, 48.101,
131.426

 76, 48.101,
131.426


 100, 48.101,
131.426


 66, 48.101,
131.426


 96, 48.101,
131.426

 56, 48.101,
131.426

 46, 48.101,
131.426

 36, 48.101,
131.426

 26, 48.101,
131.426

 16, 48.101,
131.426

 6, 48.101, 131.426

0, 48.101, 131.426

76, 48.101,
131.426

76, 48.101,
131.426

75, 59.173,
130.945

77, 36.600,
131.935

74, 69.516,
130.552

78, 24.878,
132.434

73, 78.726,
130.340

80, 13.083,
132.905

73, 86.311,
130.433

81, 1.323, 133.439

72, 91.810,
130.952

83, 10.327,
313.686

72, 95.057,
131.706

84, 21.816,
314.033

■ 86, 30.759,
316.136

■ 87, 32.683,
323.365

■ 87, 33.420,
325.587

Harmonies

Complementary

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



76, 48.101, 131.426



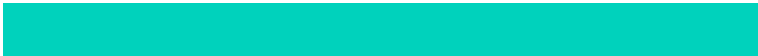
58, 50.099, 315.160

Rectangle

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



76, 48.101, 131.426



76, 48.101, 181.426



76, 48.101, 311.426



76, 48.101, 1.426

Sweetspot

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



76, 48.102, 131.427



98, 17.056, 132.858



71, 31.029, 81.475



52, 11.317, 132.797



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, 48.102, 131.427



93, 68.713, 131.012



75, 49.779, 144.507



42, 6.720, 132.984



60, 81.959, 131.499



13, 25.631, 134.605

Inverse Universe

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



58, 50.099, 315.160



67, 72.169, 315.509



61, 49.718, 330.215



40, 6.788, 313.740



29, 87.938, 315.239



3, 25.309, 311.708

Previews

White Background



This preview shows how the CIELCh color 76, 48.101, 131.426 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, 48.101, 131.426 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, 48.101, 131.426

Background



This preview shows how black text looks on a background with the CIELCh color 76, 48.101, 131.426.



This preview shows how white text looks on a background with the CIELCh color 76, 48.101, 131.426.

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](#).

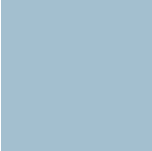
Dichromacy



Original Color
76, 48.101, 131.426

Protanopia
76, 39.762, 95.972

Deuteranopia
76, 35.471, 74.754



Tritanopia
76, 12.682, 241.899

Trichromacy



Original Color
76, 48.101, 131.426

Protanomaly
76, 40.543, 111.054

Deuteranomaly
75, 34.721, 99.951

Tritanomaly
76, 17.424, 159.946

Monochromacy



Original Color
76, 48.101, 131.426

Achromatopsia
72, 0.009, 296.813

Achromatomaly
73, 17.793, 132.898

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 48.101, 131.426 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, 202, 119)` looks like.

```
.text, #text, p{  
    color:rgb(150, 202, 119)  
}
```

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, 202, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 202, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 48.101, 131.426 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, 202, 119) }
```

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

```
.border{ border-color:rgb(150, 202, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 202, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 202, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 202, 119);  
box-shadow:4px 4px 4px 4px rgb(150, 202,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 48.101, 131.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 202, 119) }
```

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

```
.background{ background-color: rgb(150,  
202, 119) }
```

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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