

Converting Colors

CIELCh(76, 41.830, 127.092)

Have a look what the booklet for
CIELCh(76, 41.830, 127.092)
contains.

CIELCh(76, 42.107, 127.071)	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(76, 42.107, 127.071)

Conversions

Conversions Part 1

Format	Color
Hex	A2C77C
RGB	162, 199, 124
RGB Percent	64%, 78%, 49%
CMY	0.3653, 0.2202, 0.5143
CMYK	0.19, 0.00, 0.38, 0.22
HSL	90°, 40%, 63%
HSV	90°, 38%, 78%
XYZ	38.8817, 49.8872, 26.5981
YIQ	179.3870, 2.0230, -31.1690

Conversions

Conversions Part 2

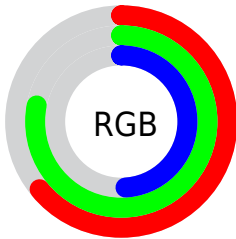
Format	Color
RYB	124, 199, 161
Decimal	10667900
CIELab	76.00, -25.38, 33.60
CIELCh	76, 42.107, 127.071
Yxy	49.8872, 0.3370, 0.4324
Android (android.graphics.Color)	4288857980 (0xFFA2C77C)
YUV	179.3870, -27.3058, -15.2484
Hunter-Lab	70.6309, -25.3414, 27.1143

Details

The CIELCh color **76, 42.107, 127.071** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 44.473, 310.726**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 41.748, 126.706**, and **56, 42.021, 127.107** is the 20% darker color. If you saturate the color by 10%, you get **75, 52.781, 126.625**, and if you desaturate by 10%, it is **77, 31.093, 127.555**.

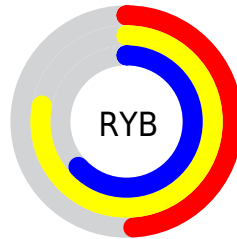
Distribution



Red (64%)

Green (78%)

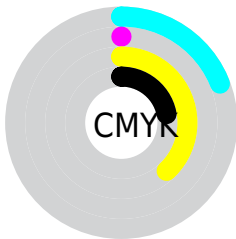
Blue (49%)



Red (49%)

Yellow (78%)

Blue (63%)

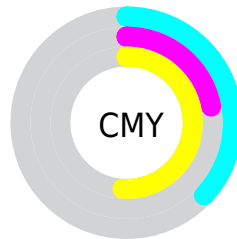


Cyan (19%)

Magenta (0%)

Yellow (38%)

Black (22%)



Cyan (37%)


Magenta (22%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 42.107, 127.071 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, 42.107, 127.071 by changing the saturation by 10% instead.


 76, 42.107,
127.071


 76, 42.107,
127.071


 100, 42.107,
127.071


 66, 42.107,
127.071


 96, 42.107,
127.071

 56, 42.107,
127.071

 46, 42.107,
127.071

 36, 42.107,
127.071

 26, 42.107,
127.071

 16, 42.107,
127.071

 6, 42.107, 127.071

■ 0, 42.107, 127.071

■ 76, 42.107,
127.071

■ 76, 42.107,
127.071

■ 75, 52.781,
126.625

■ 77, 31.093,
127.555

■ 74, 62.866,
126.267

■ 78, 19.903,
128.040

■ 74, 72.019,
126.082

■ 79, 8.654, 128.512

■ 73, 79.791,
126.182

■ 80, 2.570, 308.889

■ 72, 85.706,
126.695

■ 82, 13.711,
309.326

■ 72, 89.575,
127.674

■ 83, 24.730,
309.694

■ 84, 31.633,

■ 72, 90.336,
127.907

312.260

■ 85, 32.861,
317.898

■ 86, 34.376,
323.179

Harmonies

Complementary

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



76, 42.107, 127.071



58, 44.473, 310.726

Rectangle

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



76, 42.107, 127.071



76, 42.107, 177.071



76, 42.107, 307.071



76, 42.107, 357.071

Sweetspot

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



76, 42.109, 127.072



98, 15.115, 128.351



69, 26.045, 69.019



52, 10.159, 128.286



0, 0.000, 0.000



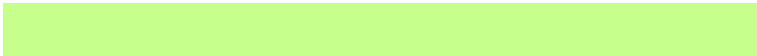
53, 0.007, 296.813

Same Dimension

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



76, 42.109, 127.072



94, 61.060, 126.712



74, 48.746, 141.276



41, 6.366, 128.434



60, 77.840, 127.670



12, 22.817, 131.179

Inverse Universe

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



58, 44.473, 310.726



68, 65.338, 311.162



62, 48.731, 325.967



39, 6.454, 309.247



25, 89.397, 311.854



2, 22.341, 305.683

Previews

White Background



This preview shows how the CIELCh color 76, 42.107, 127.071 looks on a white background.

Color Contrast Check

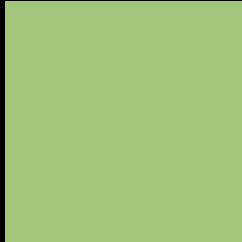
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 42.107, 127.071 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, 42.107, 127.071

Background



This preview shows how black text looks on a background with the CIELCh color 76, 42.107, 127.071.



This preview shows how white text looks on a background with the CIELCh color 76, 42.107, 127.071.

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, 42.107, 127.071

Protanopia
76, 36.664, 96.133

Deuteranopia
76, 33.391, 73.755



Tritanopia
76, 9.708, 255.734

Trichromacy



Original Color
76, 42.107, 127.071

Protanomaly
76, 36.916, 108.601

Deuteranomaly
75, 32.542, 96.023

Tritanomaly
76, 13.236, 151.511

Monochromacy



Original Color
76, 42.107, 127.071

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 15.402, 127.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 42.107, 127.071 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(162, 199, 124)` looks like.

```
.text, #text, p{  
    color:rgb(162, 199, 124)  
}
```

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(162, 199, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 199, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 42.107, 127.071 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(162, 199, 124) }
```

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

```
.border{ border-color:rgb(162, 199, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 199, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 199, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 199, 124);  
box-shadow:4px 4px 4px 4px rgb(162, 199,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 42.107, 127.071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 199, 124) }
```

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

```
.background{ background-color: rgb(162,  
199, 124) }
```

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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