

Converting Colors

CIELCh(77, 44.877, 129.247)

Have a look what the booklet for
CIELCh(77, 44.877, 129.247)
contains.

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Color

CIELCh(77, 44.911, 129.237)

Conversions

Conversions Part 1

Format	Color
Hex	9FCB7C
RGB	159, 203, 124
RGB Percent	62%, 80%, 49%
CMY	0.3765, 0.2039, 0.5138
CMYK	0.22, 0.00, 0.39, 0.20
HSL	93°, 43%, 64%
HSV	93°, 39%, 80%
XYZ	39.2869, 51.5317, 26.9414
YIQ	180.8380, -0.8650, -33.8970

Conversions

Conversions Part 2

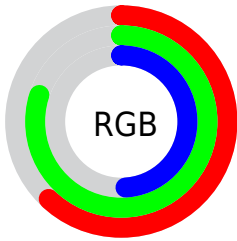
Format	Color
RYB	124, 203, 168
Decimal	10472316
CIELab	77.00, -28.41, 34.79
CIELCh	77, 44.911, 129.237
Yxy	51.5317, 0.3336, 0.4376
Android (android.graphics.Color)	4288662396 (0xFF9FCB7C)
YUV	180.8380, -28.0211, -19.1519
Hunter-Lab	71.7856, -27.9351, 27.9982

Details

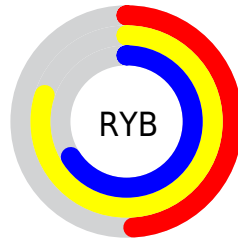
The CIELCh color **77, 44.911, 129.237** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **59, 47.117, 312.839**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 42.155, 128.085**, and **57, 44.916, 129.318** is the 20% darker color. If you saturate the color by 10%, you get **76, 55.919, 128.784**, and if you desaturate by 10%, it is **78, 33.531, 129.724**.

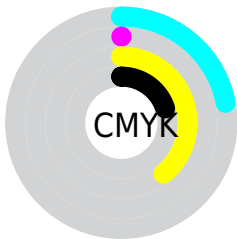
Distribution



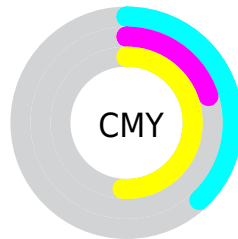
- Red (62%)
- Green (80%)
- Blue (49%)



- Red (49%)
- Yellow (80%)
- Blue (66%)



- Cyan (22%)
- Magenta (0%)
- Yellow (39%)
- Black (20%)



- Cyan (38%)
- Magenta (20%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 44.911, 129.237 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 77, 44.911, 129.237 by changing the saturation by 10% instead.

 77, 44.911,
129.237

 77, 44.911,
129.237

 100, 44.911,
129.237

 67, 44.911,
129.237

 97, 44.911,
129.237


 57, 44.911,
129.237

 47, 44.911,
129.237

 37, 44.911,
129.237

 27, 44.911,
129.237

 17, 44.911,
129.237

 7, 44.911, 129.237

■ 0, 44.911, 129.237

■ 77, 44.911,
129.237

■ 77, 44.911,
129.237

■ 76, 55.919,
128.784

■ 78, 33.531,
129.724

■ 75, 66.285,
128.417

■ 79, 21.962,
130.206

■ 74, 75.636,
128.225

■ 80, 10.334,
130.669

■ 74, 83.501,
128.328

■ 82, 1.260, 310.969

■ 73, 89.400,
128.850

■ 83, 12.754,
311.452

■ 73, 93.252,
129.804

■ 85, 24.104,
311.802

■ 73, 93.624,
129.905

■ 86, 29.946,
315.831

■ 87, 31.641,
322.507

■ 88, 32.615,
325.559

Harmonies

Complementary

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



77, 44.911, 129.237



59, 47.117, 312.839

Rectangle

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



77, 44.911, 129.237



77, 44.911, 179.237



77, 44.911, 309.237



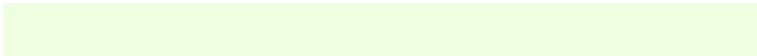
77, 44.911, 359.237

Sweetspot

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



77, 44.913, 129.238



98, 16.748, 130.521



71, 28.238, 75.568



52, 11.112, 130.460



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 44.913, 129.238



93, 64.753, 128.839



75, 49.670, 142.843



42, 6.600, 130.648



60, 80.336, 129.675



13, 25.027, 132.440

Inverse Universe

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



59, 47.117, 312.839



67, 68.728, 313.253



63, 49.588, 327.965



40, 6.680, 311.422



27, 89.218, 313.362



3, 24.846, 308.842

Previews

White Background



This preview shows how the CIELCh color 77, 44.911, 129.237 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 77, 44.911, 129.237 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 77, 44.911, 129.237

Background



This preview shows how black text looks on a background with the CIELCh color 77, 44.911, 129.237.



This preview shows how white text looks on a background with the CIELCh color 77, 44.911, 129.237.

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](#).

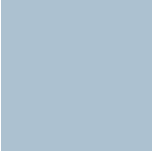
Dichromacy



Original Color
77, 44.911, 129.237

Protanopia
77, 38.164, 95.815

Deuteranopia
77, 34.275, 73.060



Tritanopia
77, 10.699, 248.097

Trichromacy



Original Color
77, 44.911, 129.237

Protanomaly
77, 38.858, 109.595

Deuteranomaly
76, 33.317, 97.710

Tritanomaly
77, 15.508, 154.549

Monochromacy



Original Color
77, 44.911, 129.237

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 16.779, 130.196

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 44.911, 129.237 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(159, 203, 124)` looks like.

```
.text, #text, p{  
    color:rgb(159, 203, 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(159, 203, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 203, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 44.911, 129.237 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(159, 203, 124) }
```

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

```
.border{ border-color:rgb(159, 203, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 203, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 203, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 203, 124); box-shadow:4px 4px 4px 4px rgb(159, 203, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 44.911, 129.237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 203, 124) }
```

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

```
.background{ background-color: rgb(159,  
203, 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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