

Converting Colors

CIELCh(77, 38.642, 130.871)

Have a look what the booklet for
CIELCh(77, 38.642, 130.871)
contains.

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Color

CIELCh(77, 38.676, 130.864)

Conversions

Conversions Part 1

Format	Color
Hex	A2CA87
RGB	162, 202, 135
RGB Percent	64%, 79%, 53%
CMY	0.3656, 0.2087, 0.4714
CMYK	0.20, 0.00, 0.33, 0.21
HSL	96°, 39%, 66%
HSV	96°, 33%, 79%
XYZ	40.2771, 51.5317, 30.6644
YIQ	182.4020, -2.3330, -29.3170

Conversions

Conversions Part 2

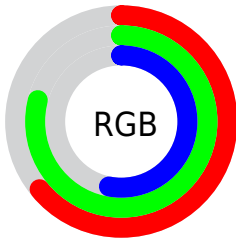
Format	Color
RYB	135, 202, 175
Decimal	10668679
CIELab	77.00, -25.30, 29.25
CIELCh	77, 38.676, 130.864
Yxy	51.5317, 0.3289, 0.4208
Android (android.graphics.Color)	4288858759 (0xFFA2CA87)
YUV	182.4020, -23.3692, -17.8926
Hunter-Lab	71.7856, -25.4729, 24.9233

Details

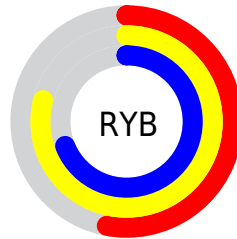
The CIELCh color **77, 38.676, 130.864** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 40.089, 313.859**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 36.172, 129.978**, and **57, 39.055, 130.819** is the 20% darker color. If you saturate the color by 10%, you get **76, 50.009, 130.374**, and if you desaturate by 10%, it is **78, 27.088, 131.359**.

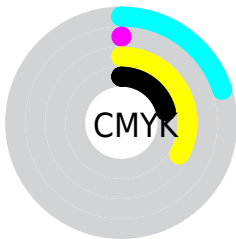
Distribution



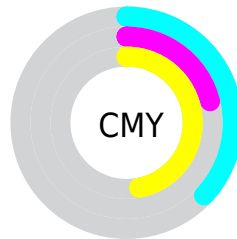
- Red (64%)
- Green (79%)
- Blue (53%)



- Red (53%)
- Yellow (79%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (33%)
- Black (21%)



- Cyan (37%)
- Magenta (21%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 38.676, 130.864 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, 38.676, 130.864 by changing the saturation by 10% instead.

 77, 38.676,
130.864

 77, 38.676,
130.864

 100, 38.676,
130.864

 67, 38.676,
130.864

 97, 38.676,
130.864

 57, 38.676,
130.864

 47, 38.676,
130.864

 37, 38.676,
130.864

 27, 38.676,
130.864

 17, 38.676,
130.864

 7, 38.676, 130.864

■ 0, 38.676, 130.864

■ 77, 38.676,
130.864

■ 77, 38.676,
130.864

■ 76, 50.009,
130.374

■ 78, 27.088,
131.359

■ 75, 60.862,
129.926

■ 79, 15.397,
131.832

■ 74, 70.923,
129.590

■ 81, 3.714, 132.297

■ 82, 7.882, 312.631

■ 74, 79.770,
129.467

■ 84, 19.337,
312.995

■ 73, 86.905,
129.684

■ 85, 30.203,
313.609

■ 72, 91.910,
130.354

■ 86, 31.872,

■ 72, 94.303,
130.985

320.740

■ 87, 33.384,
325.586

Harmonies

Complementary

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



77, 38.676, 130.864



62, 40.089, 313.859

Rectangle

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



77, 38.676, 130.864



77, 38.676, 180.864



77, 38.676, 310.864



77, 38.676, 0.864

Sweetspot

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



77, 38.678, 130.865



98, 14.093, 131.972



73, 24.220, 79.529



52, 9.619, 131.907



0, 0.000, 0.000



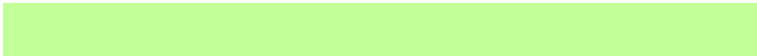
53, 0.007, 296.813

Same Dimension

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



77, 38.678, 130.865



94, 56.117, 130.502



76, 41.364, 144.333



42, 6.668, 132.005



60, 81.291, 130.770



13, 25.376, 133.723

Inverse Universe

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



62, 40.089, 313.859



72, 58.657, 314.197



65, 41.370, 328.671



40, 6.741, 312.766



28, 88.471, 314.418



3, 25.100, 310.471

Previews

White Background



This preview shows how the CIELCh color 77, 38.676, 130.864 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 77, 38.676, 130.864 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, 38.676, 130.864

Background



This preview shows how black text looks on a background with the CIELCh color 77, 38.676, 130.864.

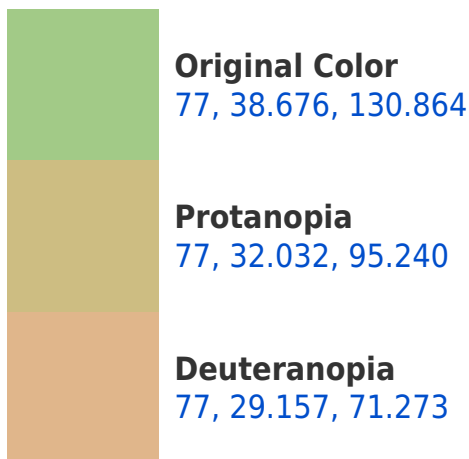


This preview shows how white text looks on a background with the CIELCh color 77, 38.676, 130.864.

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
77, 10.482, 249.488

Trichromacy



Original Color
77, 38.676, 130.864

Protanomaly
77, 32.786, 110.671

Deuteranomaly
76, 28.100, 97.471

Tritanomaly
77, 12.850, 159.685

Monochromacy



Original Color
77, 38.676, 130.864

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 13.992, 131.395

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 38.676, 130.864 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, 202, 135)` looks like.

```
.text, #text, p{  
    color:rgb(162, 202, 135)  
}
```

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, 202, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 202, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 38.676, 130.864 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, 202, 135) }
```

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

```
.border{ border-color:rgb(162, 202, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 202, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 202, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 202, 135);  
box-shadow:4px 4px 4px 4px rgb(162, 202,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 38.676, 130.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 202, 135) }
```

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

```
.background{ background-color: rgb(162,  
202, 135) }
```

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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