

Converting Colors

CIELCh(77, 50.771, 125.780)

Have a look what the booklet for
CIELCh(77, 50.771, 125.780)
contains.

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Color

CIELCh(77, 50.771, 125.780)

Conversions

Conversions Part 1

Format	Color
Hex	A0CB6F
RGB	160, 203, 111
RGB Percent	63%, 80%, 44%
CMY	0.3713, 0.2026, 0.5635
CMYK	0.21, 0.00, 0.45, 0.20
HSL	88°, 47%, 62%
HSV	88°, 45%, 80%
XYZ	38.8842, 51.5317, 23.0259
YIQ	179.6550, 3.9040, -37.7280

Conversions

Conversions Part 2

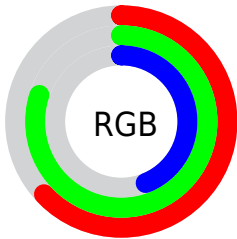
Format	Color
RYB	111, 203, 154
Decimal	10537839
CIELab	77.00, -29.68, 41.19
CIElCh	77, 50.771, 125.780
Yxy	51.5317, 0.3428, 0.4543
Android (android.graphics.Color)	4288727919 (0xFFA0CB6F)
YUV	179.6550, -33.8469, -17.2374
Hunter-Lab	71.7856, -28.9364, 31.2321

Details

The CIELCh color **77, 50.771, 125.780** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **55, 54.536, 310.327**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 48.032, 124.759**, and **57, 51.209, 125.879** is the 20% darker color. If you saturate the color by 10%, you get **76, 61.128, 125.398**, and if you desaturate by 10%, it is **78, 39.885, 126.243**.

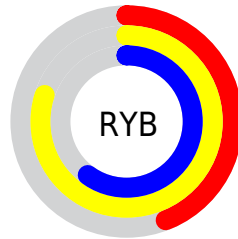
Distribution



Red (63%)

Green (80%)

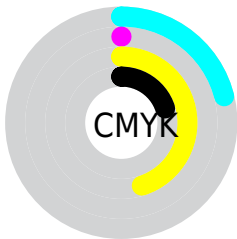
Blue (44%)



Red (44%)

Yellow (80%)

Blue (60%)

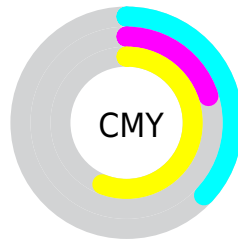


Cyan (21%)

Magenta (0%)

Yellow (45%)

Black (20%)



Cyan (37%)


Magenta (20%)


Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 50.771, 125.780 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, 50.771, 125.780 by changing the saturation by 10% instead.


 77, 50.771,
125.780

 77, 50.771,
125.780


 100, 50.771,
125.780


 67, 50.771,
125.780


 97, 50.771,
125.780

 57, 50.771,
125.780

 47, 50.771,
125.780

 37, 50.771,
125.780

 27, 50.771,
125.780

 17, 50.771,
125.780

 7, 50.771, 125.780

■ 0, 50.771, 125.780

■ 77, 50.771,
125.780

■ 77, 50.771,
125.780

■ 76, 61.128,
125.398

■ 78, 39.885,
126.243

■ 75, 70.627,
125.168

■ 79, 28.693,
126.734

■ 75, 78.835,
125.197

■ 80, 17.351,
127.224

■ 74, 85.260,
125.613

■ 81, 5.966, 127.704

■ 74, 89.551,
126.515

■ 82, 5.385, 308.104

■ 74, 91.098,
127.031

■ 84, 16.650,
308.522

■ 85, 27.790,

308.893

■ 86, 29.500,
314.642

■ 87, 30.843,
320.414

Harmonies

Complementary

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



77, 50.771, 125.780



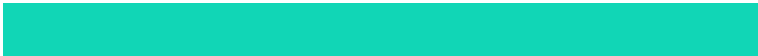
55, 54.536, 310.327

Rectangle

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



77, 50.771, 125.780



77, 50.771, 175.780



77, 50.771, 305.780



77, 50.771, 355.780

Sweetspot

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



77, 50.772, 125.781



98, 19.131, 127.276



67, 32.298, 66.387



52, 13.209, 127.170



0, 0.000, 0.000



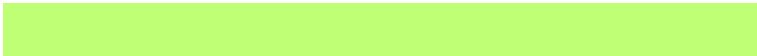
53, 0.007, 296.813

Same Dimension

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



77, 50.772, 125.781



93, 71.854, 125.415



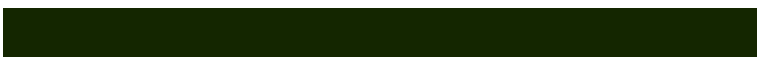
75, 58.790, 140.180



43, 6.463, 127.505



61, 78.086, 126.789



13, 24.256, 129.218

Inverse Universe

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



55, 54.536, 310.327



62, 78.532, 310.861



60, 58.751, 325.828



40, 6.557, 308.344



25, 90.939, 311.272



2, 24.396, 305.450

Previews

White Background



This preview shows how the CIELCh color 77, 50.771, 125.780 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, 50.771, 125.780 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, 50.771, 125.780

Background



This preview shows how black text looks on a background with the CIELCh color 77, 50.771, 125.780.



This preview shows how white text looks on a background with the CIELCh color 77, 50.771, 125.780.

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, 50.771, 125.780

Protanopia

77, 44.679, 96.086

Deuteranopia

77, 40.253, 76.185



Tritanopia
77, 10.490, 254.398

Trichromacy



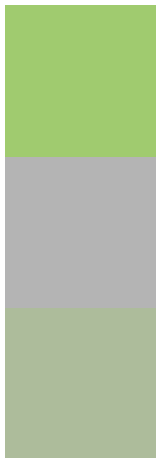
Original Color
77, 50.771, 125.780

Protanomaly
77, 45.282, 108.064

Deuteranomaly
76, 39.537, 97.231

Tritanomaly
77, 15.999, 147.910

Monochromacy



Original Color
77, 50.771, 125.780

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 18.674, 126.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 50.771, 125.780 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(160, 203, 111)` looks like.

```
.text, #text, p{  
    color:rgb(160, 203, 111)  
}
```

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(160, 203, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 203, 111) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 50.771, 125.780 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(160, 203, 111) }
```

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

```
.border{ border-color:rgb(160, 203, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 203, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 203, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 203, 111);  
box-shadow:4px 4px 4px 4px rgb(160, 203,  
111) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 50.771, 125.780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 203, 111) }
```

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

```
.background{ background-color: rgb(160,  
203, 111) }
```

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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