

Converting Colors

CIELCh(77, 43.119, 130.769)

Have a look what the booklet for
CIELCh(77, 43.119, 130.769)
contains.

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Color

CIELCh(77, 43.211, 130.774)

Conversions

Conversions Part 1

Format	Color
Hex	9ECB80
RGB	158, 203, 128
RGB Percent	62%, 80%, 50%
CMY	0.3804, 0.2040, 0.4981
CMYK	0.22, 0.00, 0.37, 0.20
HSL	96°, 42%, 65%
HSV	96°, 37%, 80%
XYZ	39.3463, 51.5317, 28.2906
YIQ	180.9950, -2.7450, -32.8650

Conversions

Conversions Part 2

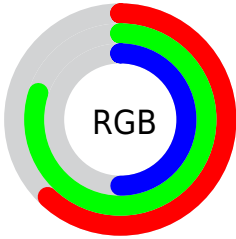
Format	Color
RYB	128, 203, 173
Decimal	10406784
CIELab	77.00, -28.22, 32.72
CIElCh	77, 43.211, 130.774
Yxy	51.5317, 0.3302, 0.4324
Android (android.graphics.Color)	4288596864 (0xFF9ECB80)
YUV	180.9950, -26.1265, -20.1666
Hunter-Lab	71.7856, -27.7875, 26.8839

Details

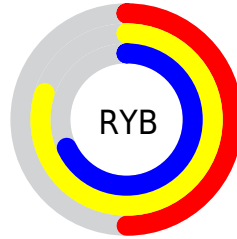
The CIELCh color **77, 43.211, 130.774** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **60, 44.966, 314.128**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 39.994, 129.878**, and **57, 43.227, 130.941** is the 20% darker color. If you saturate the color by 10%, you get **76, 54.460, 130.292**, and if you desaturate by 10%, it is **78, 31.632, 131.273**.

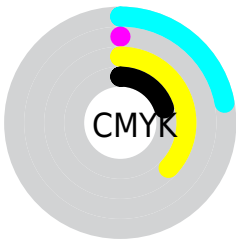
Distribution



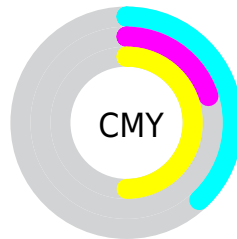
- Red (62%)
- Green (80%)
- Blue (50%)



- Red (50%)
- Yellow (80%)
- Blue (68%)



- Cyan (22%)
- Magenta (0%)
- Yellow (37%)
- Black (20%)




- Cyan (38%)
- Magenta (20%)
- Yellow (50%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 43.211, 130.774 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, 43.211, 130.774 by changing the saturation by 10% instead.

 77, 43.211,
130.774


 77, 43.211,
130.774


 100, 43.211,
130.774


 67, 43.211,
130.774


 97, 43.211,
130.774

 57, 43.211,
130.774

 47, 43.211,
130.774

 37, 43.211,
130.774

 27, 43.211,
130.774

 17, 43.211,
130.774

 7, 43.211, 130.774

■ 0, 43.211, 130.774

■ 77, 43.211,
130.774

■ 77, 43.211,
130.774

■ 76, 54.460,
130.292

■ 78, 31.632,
131.273

■ 75, 65.118,
129.874

■ 79, 19.896,
131.756

■ 74, 74.832,
129.602

■ 81, 8.132, 132.215

■ 74, 83.139,
129.588

■ 82, 3.570, 312.563


■ 73, 89.542,
129.963

■ 84, 15.147,
312.963


■ 73, 93.760,
130.796

■ 85, 26.555,
313.294

■ 87, 30.664,

 73, 94.816,
131.065

318.924

 88, 32.617,
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, 43.211, 130.774



60, 44.966, 314.128

Rectangle

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



77, 43.211, 130.774



77, 43.211, 180.774



77, 43.211, 310.774



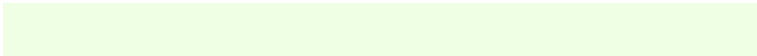
77, 43.211, 0.774

Sweetspot

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



77, 43.213, 130.775



98, 15.519, 132.024



72, 27.549, 80.553



52, 10.432, 131.961



0, 0.000, 0.000



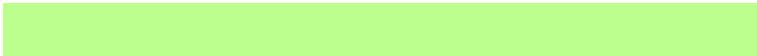
53, 0.007, 296.813

Same Dimension

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



77, 43.213, 130.775



94, 61.569, 130.403



75, 45.625, 144.449



42, 6.673, 132.104



60, 81.359, 130.845



13, 25.401, 133.813

Inverse Universe

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



60, 44.966, 314.128



70, 64.624, 314.470



63, 45.609, 329.419



40, 6.745, 312.864



28, 88.417, 314.498



3, 25.120, 310.593

Previews

White Background



This preview shows how the CIELCh color 77, 43.211, 130.774 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, 43.211, 130.774 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, 43.211, 130.774

Background



This preview shows how black text looks on a background with the CIELCh color 77, 43.211, 130.774.



This preview shows how white text looks on a background with the CIELCh color 77, 43.211, 130.774.

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, 43.211, 130.774

Protanopia
77, 35.678, 95.337

Deuteranopia
77, 32.216, 71.890



Tritanopia
77, 11.516, 247.497

Trichromacy



Original Color
77, 43.211, 130.774

Protanomaly
77, 36.361, 110.011

Deuteranomaly
76, 31.195, 98.099

Tritanomaly
77, 14.662, 159.859

Monochromacy



Original Color
77, 43.211, 130.774

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 15.785, 131.634

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 43.211, 130.774 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(158, 203, 128)` looks like.

```
.text, #text, p{  
    color:rgb(158, 203, 128)  
}
```

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(158, 203, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 203, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 43.211, 130.774 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(158, 203, 128) }
```

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

```
.border{ border-color:rgb(158, 203, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 203, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 203, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 203, 128);  
box-shadow:4px 4px 4px 4px rgb(158, 203,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 43.211, 130.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 203, 128) }
```

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

```
.background{ background-color: rgb(158,  
203, 128) }
```

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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