

Converting Colors

CIELCh(77, 44.066, 120.768)

Have a look what the booklet for
CIELCh(77, 44.066, 120.768)
contains.

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Color

CIELCh(77, 44.156, 120.644)

Conversions

Conversions Part 1

Format	Color
Hex	ADC876
RGB	173, 200, 118
RGB Percent	68%, 78%, 46%
CMY	0.3214, 0.2155, 0.5371
CMYK	0.13, 0.00, 0.41, 0.22
HSL	80°, 43%, 62%
HSV	80°, 41%, 78%
XYZ	41.1841, 51.5317, 24.9309
YIQ	182.5790, 10.2300, -31.2260

Conversions

Conversions Part 2

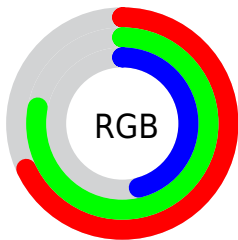
Format	Color
RYB	118, 200, 145
Decimal	11389046
CIELab	77.00, -22.51, 37.99
CIELCh	77, 44.156, 120.644
Yxy	51.5317, 0.3501, 0.4380
Android (android.graphics.Color)	4289579126 (0xFFADC876)
YUV	182.5790, -31.8374, -8.4008
Hunter-Lab	71.7856, -23.2178, 29.6588

Details

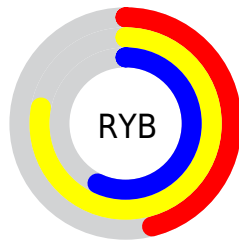
The CIELCh color **77, 44.156, 120.644** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **55, 47.966, 305.688**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 43.324, 120.256**, and **57, 44.029, 120.813** is the 20% darker color. If you saturate the color by 10%, you get **76, 54.232, 120.172**, and if you desaturate by 10%, it is **78, 33.648, 121.183**.

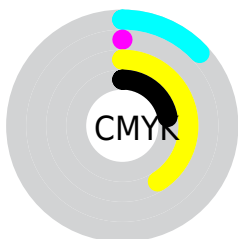
Distribution



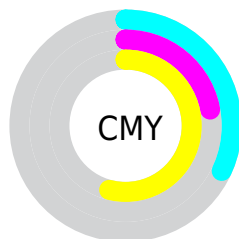
- Red (68%)
- Green (78%)
- Blue (46%)



- Red (46%)
- Yellow (78%)
- Blue (57%)



- Cyan (13%)
- Magenta (0%)
- Yellow (41%)
- Black (22%)



- Cyan (32%)
- Magenta (22%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 44.156, 120.644 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, 44.156, 120.644 by changing the saturation by 10% instead.

 77, 44.156,
120.644

 77, 44.156,
120.644

 100, 44.156,
120.644

 67, 44.156,
120.644

 97, 44.156,
120.644

 57, 44.156,
120.644

 47, 44.156,
120.644

 37, 44.156,
120.644

 27, 44.156,
120.644

 17, 44.156,
120.644

 7, 44.156, 120.644

■ 0, 44.156, 120.644

■ 77, 44.156,
120.644

■ 77, 44.156,
120.644

■ 76, 54.232,
120.172

■ 78, 33.648,
121.183

■ 76, 63.599,
119.822

■ 79, 22.887,
121.746

■ 75, 71.875,
119.681

■ 80, 12.001,
122.308

■ 75, 78.584,
119.859

■ 81, 1.073, 122.901

■ 74, 83.289,
120.466

■ 82, 9.836, 303.356

■ 74, 85.967,
121.348

■ 83, 20.685,
303.844

■ 84, 29.857,

304.873

■ 84, 30.394,
309.000

■ 85, 31.077,
313.018

Harmonies

Complementary

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



77, 44.156, 120.644



55, 47.966, 305.688

Rectangle

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



77, 44.156, 120.644



77, 44.156, 170.644



77, 44.156, 300.644



77, 44.156, 350.644

Sweetspot

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



77, 44.158, 120.646



99, 15.954, 122.242



65, 28.529, 51.057



52, 10.582, 122.168



0, 0.000, 0.000



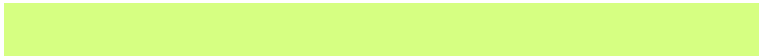
53, 0.007, 296.813

Same Dimension

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



77, 44.158, 120.646



95, 63.587, 120.228



75, 50.439, 136.962



42, 6.162, 122.398



61, 73.795, 121.124



12, 21.546, 124.185

Inverse Universe

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



55, 47.966, 305.688



63, 70.591, 306.418



59, 51.221, 321.105



39, 6.274, 303.420



22, 92.409, 308.817



2, 21.865, 300.405

Previews

White Background



This preview shows how the CIELCh color 77, 44.156, 120.644 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, 44.156, 120.644 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, 44.156, 120.644

Background



This preview shows how black text looks on a background with the CIELCh color 77, 44.156, 120.644.



This preview shows how white text looks on a background with the CIELCh color 77, 44.156, 120.644.

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, 44.156, 120.644

Protanopia

77, 40.660, 96.183

Deuteranopia

77, 37.715, 75.125



Tritanopia
77, 8.217, 278.463

Trichromacy



Original Color
77, 44.156, 120.644

Protanomaly
77, 41.336, 105.714

Deuteranomaly
77, 36.509, 93.464

Tritanomaly
77, 12.292, 132.672

Monochromacy



Original Color
77, 44.156, 120.644

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 16.554, 122.193

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 44.156, 120.644 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(173, 200, 118)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 118)  
}
```

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(173, 200, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 44.156, 120.644 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(173, 200, 118) }
```

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

```
.border{ border-color:rgb(173, 200, 118) }
```

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

Here you see how a box with a 4 pixel rgb(173, 200, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 118);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 44.156, 120.644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 200, 118) }
```

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

```
.background{ background-color: rgb(173,  
200, 118) }
```

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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