

Converting Colors

CIELCh(77, 43.164, 120.921)

Have a look what the booklet for
CIELCh(77, 43.164, 120.921)
contains.

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Color

CIELCh(77, 43.193, 121.027)

Conversions

Conversions Part 1

Format	Color
Hex	ADC878
RGB	173, 200, 120
RGB Percent	68%, 78%, 47%
CMY	0.3217, 0.2158, 0.5295
CMYK	0.14, 0.00, 0.40, 0.22
HSL	80°, 42%, 63%
HSV	80°, 40%, 78%
XYZ	41.2634, 51.5317, 25.5325
YIQ	182.8070, 9.5880, -30.6040

Conversions

Conversions Part 2

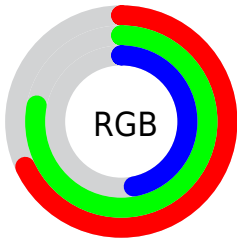
Format	Color
R_{YB}	120, 200, 147
Decimal	11389048
CIE _{Lab}	77.00, -22.26, 37.01
CIE _{LCh}	77, 43.193, 121.027
Yxy	51.5317, 0.3487, 0.4355
Android (android.graphics.Color)	4289579128 (0xFFADC878)
YUV	182.8070, -30.9639, -8.6007
Hunter-Lab	71.7856, -23.0204, 29.1618

Details

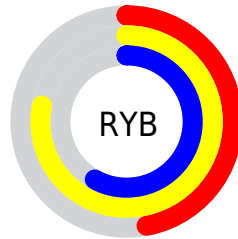
The CIELCh color $77, 43.193, 121.027$ is a light color, and the websafe version is hex $99CC66$. A complement of this color would be $56, 46.762, 305.869$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 42.374, 120.604$, and $57, 43.078, 121.236$ is the 20% darker color. If you saturate the color by 10%, you get $76, 53.341, 120.552$, and if you desaturate by 10%, it is $78, 32.636, 121.565$.

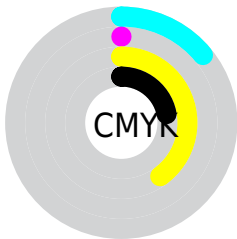
Distribution



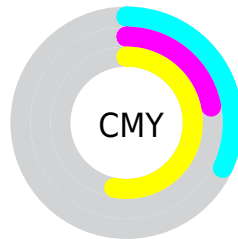
- Red (68%)
- Green (78%)
- Blue (47%)



- Red (47%)
- Yellow (78%)
- Blue (58%)



- Cyan (14%)
- Magenta (0%)
- Yellow (40%)
- Black (22%)





- Cyan (32%)
- Magenta (22%)
- Yellow (53%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 43.193, 121.027 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, 43.193, 121.027 by changing the saturation by 10% instead.


 77, 43.193,
121.027


 77, 43.193,
121.027


 100, 43.193,
121.027


 67, 43.193,
121.027


 97, 43.193,
121.027

 57, 43.193,
121.027

 47, 43.193,
121.027

 37, 43.193,
121.027

 27, 43.193,
121.027

 17, 43.193,
121.027

 7, 43.193, 121.027

■ 0, 43.193, 121.027

■ 77, 43.193,
121.027

■ 77, 43.193,
121.027

■ 76, 53.341,
120.552

■ 78, 32.636,
121.565

■ 76, 62.813,
120.192

■ 79, 21.843,
122.121

■ 75, 71.238,
120.032

■ 80, 10.936,
122.677

■ 75, 78.148,
120.181

■ 81, 0.004, 287.910

■ 74, 83.093,
120.752

■ 82, 10.918,
303.705

■ 74, 86.168,
121.727

■ 83, 21.767,
304.183

■ 84, 29.982,
305.574

■ 84, 30.559,
309.779

■ 85, 31.289,
313.863

Harmonies

Complementary

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



77, 43.193, 121.027



56, 46.762, 305.869

Rectangle

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



77, 43.193, 121.027



77, 43.193, 171.027



77, 43.193, 301.027



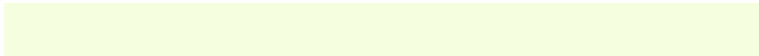
77, 43.193, 351.027

Sweetspot

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



77, 43.195, 121.029



99, 15.977, 122.557



65, 27.626, 52.855



52, 10.597, 122.484



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, 43.195, 121.029



95, 62.490, 120.610



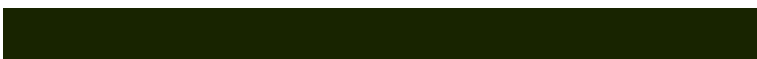
75, 49.502, 137.467



42, 6.171, 122.711



61, 73.986, 121.501



12, 21.603, 124.575

Inverse Universe

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



56, 46.762, 305.869



64, 69.099, 306.578



60, 50.164, 321.577



39, 6.281, 303.720



22, 92.269, 308.939



2, 21.882, 300.639

Previews

White Background



This preview shows how the CIELCh color 77, 43.193, 121.027 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, 43.193, 121.027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

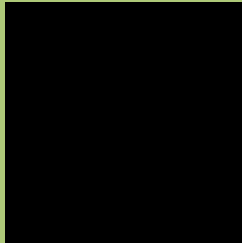
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 43.193, 121.027

Background



This preview shows how black text looks on a background with the CIELCh color 77, 43.193, 121.027.



This preview shows how white text looks on a background with the CIELCh color 77, 43.193, 121.027.

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](#).

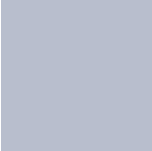
Dichromacy



Original Color
77, 43.193, 121.027

Protanopia
77, 39.664, 96.045

Deuteranopia
77, 36.800, 74.428



Tritanopia
77, 8.293, 276.078

Trichromacy



Original Color
77, 43.193, 121.027

Protanomaly
77, 40.337, 105.796

Deuteranomaly
77, 35.504, 93.214

Tritanomaly
77, 11.970, 135.306

Monochromacy



Original Color
77, 43.193, 121.027

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 16.036, 122.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 43.193, 121.027 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(173, 200, 120)  
}
```

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, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 200, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 43.193, 121.027 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, 120) }
```

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

```
.border{ border-color:rgb(173, 200, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 200, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 200, 120);  
box-shadow:4px 4px 4px 4px rgb(173, 200,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 43.193, 121.027 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, 120) }
```

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

```
.background{ background-color: rgb(173,  
200, 120) }
```

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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