

Converting Colors

CIELCh(78, 42.166, 130.168)

Have a look what the booklet for
CIELCh(78, 42.166, 130.168)
contains.

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Color

CIELCh(78, 41.720, 130.018)

Conversions

Conversions Part 1

Format	Color
Hex	A3CD84
RGB	163, 205, 132
RGB Percent	64%, 80%, 52%
CMY	0.3602, 0.1954, 0.4818
CMYK	0.20, 0.00, 0.36, 0.20
HSL	95°, 42%, 66%
HSV	95°, 36%, 80%
XYZ	41.1807, 53.2120, 29.9835
YIQ	184.1200, -1.5990, -31.6070

Conversions

Conversions Part 2

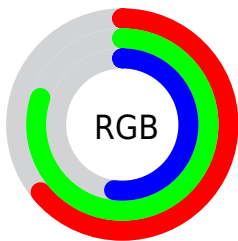
Format	Color
RYB	132, 205, 174
Decimal	10734980
CIELab	78.00, -26.83, 31.95
CIELCh	78, 41.720, 130.018
Yxy	53.2120, 0.3311, 0.4278
Android (android.graphics.Color)	4288925060 (0xFFA3CD84)
YUV	184.1200, -25.6952, -18.5222
Hunter-Lab	72.9466, -26.8875, 26.6924

Details

The CIELCh color **78, 41.720, 130.018** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **62, 43.480, 313.270**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 37.421, 128.573**, and **58, 42.150, 129.898** is the 20% darker color. If you saturate the color by 10%, you get **77, 53.038, 129.543**, and if you desaturate by 10%, it is **79, 30.097, 130.510**.

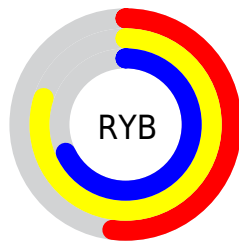
Distribution



Red (64%)

Green (80%)

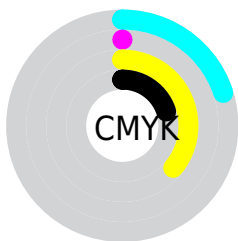
Blue (52%)



Red (52%)

Yellow (80%)

Blue (68%)

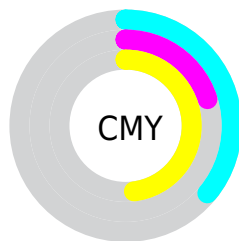


Cyan (20%)

Magenta (0%)

Yellow (36%)

Black (20%)



Cyan (36%)


Magenta (20%)


Yellow (48%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 41.720, 130.018 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 78, 41.720, 130.018 by changing the saturation by 10% instead.


 78, 41.720,
130.018


 78, 41.720,
130.018


 100, 41.720,
130.018


 68, 41.720,
130.018


 98, 41.720,
130.018

 58, 41.720,
130.018

 48, 41.720,
130.018

 38, 41.720,
130.018

 28, 41.720,
130.018

 18, 41.720,
130.018

 8, 41.720, 130.018

■ 0, 41.720, 130.018

■ 78, 41.720,
130.018

■ 78, 41.720,
130.018

■ 77, 53.038,
129.543

■ 79, 30.097,
130.510

■ 76, 63.803,
129.129

■ 80, 18.334,
130.988

■ 75, 73.678,
128.853

■ 82, 6.551, 131.446

■ 75, 82.210,
128.827

■ 83, 5.168, 311.803

■ 74, 88.895,
129.178

■ 85, 16.762,
312.189

■ 74, 93.379,
130.003

■ 86, 28.070,
312.612

■ 87, 29.679,

■ 73, 94.904,
130.428

320.139

■ 88, 31.251,
325.512

Harmonies

Complementary

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



78, 41.720, 130.018



62, 43.480, 313.270

Rectangle

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



78, 41.720, 130.018



78, 41.720, 180.018



78, 41.720, 310.018



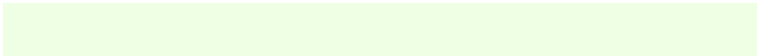
78, 41.720, 0.018

Sweetspot

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



78, 41.722, 130.019



98, 15.420, 131.193



73, 26.141, 77.623



52, 10.365, 131.130



0, 0.000, 0.000



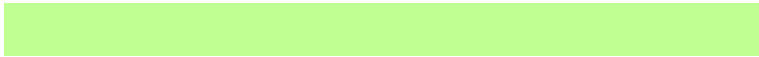
53, 0.007, 296.813

Same Dimension

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



78, 41.722, 130.019



94, 59.801, 129.637



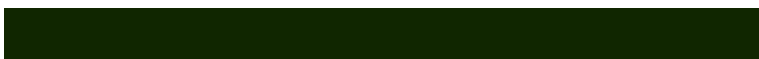
76, 45.406, 143.629



42, 6.631, 131.272



60, 80.778, 130.190



13, 25.186, 133.039

Inverse Universe

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



62, 43.480, 313.270



70, 62.944, 313.644



65, 45.378, 328.292



40, 6.707, 312.040



27, 88.873, 313.836



3, 24.957, 309.579

Previews

White Background



This preview shows how the CIELCh color 78, 41.720, 130.018 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 78, 41.720, 130.018 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 78, 41.720, 130.018

Background



This preview shows how black text looks on a background with the CIELCh color 78, 41.720, 130.018.



This preview shows how white text looks on a background with the CIELCh color 78, 41.720, 130.018.

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
78, 41.720, 130.018

Protanopia
78, 35.080, 95.301

Deuteranopia
78, 31.655, 71.485



Tritanopia
78, 10.861, 251.441

Trichromacy



Original Color
78, 41.720, 130.018

Protanomaly
78, 35.766, 110.143

Deuteranomaly
78, 30.670, 97.301

Tritanomaly
78, 13.812, 157.229

Monochromacy



Original Color
78, 41.720, 130.018

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 15.738, 131.643

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 41.720, 130.018 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(163, 205, 132)` looks like.

```
.text, #text, p{  
    color:rgb(163, 205, 132)  
}
```

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(163, 205, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 205, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 41.720, 130.018 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(163, 205, 132) }
```

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

```
.border{ border-color:rgb(163, 205, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 205, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 205, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 205, 132);  
box-shadow:4px 4px 4px 4px rgb(163, 205,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 41.720, 130.018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 205, 132) }
```

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

```
.background{ background-color: rgb(163,  
205, 132) }
```

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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