

Converting Colors

CIELCh(82, 71.995, 119.825)

Have a look what the booklet for
CIELCh(82, 71.995, 119.825)
contains.

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Color

CIELCh(82, 72.110, 120.102)

Conversions

Conversions Part 1

Format	Color
Hex	ACDC4E
RGB	172, 220, 78
RGB Percent	67%, 86%, 31%
CMY	0.3268, 0.1385, 0.6953
CMYK	0.22, 0.00, 0.65, 0.14
HSL	80°, 67%, 58%
HSV	80°, 65%, 86%
XYZ	43.8153, 60.2982, 16.4781
YIQ	189.4600, 16.9740, -54.3380

Conversions

Conversions Part 2

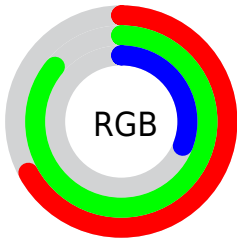
Format	Color
RYB	78, 220, 126
Decimal	11328590
CIELab	82.00, -36.17, 62.38
CIElCh	82, 72.110, 120.102
Yxy	60.2982, 0.3633, 0.5000
Android (android.graphics.Color)	4289518670 (0xFFACDC4E)
YUV	189.4600, -54.9498, -15.3124
Hunter-Lab	77.6519, -35.1717, 41.7748

Details

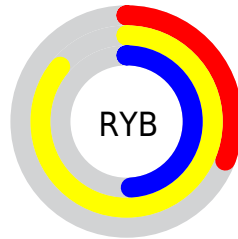
The CIELCh color **82, 72.110, 120.102** is a light color, and the websafe version is hex **99CC33**. The color can be described as light muted chartreuse. A complement of this color would be **46, 83.261, 307.914**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 60.852, 114.980**, and **62, 72.142, 120.095** is the 20% darker color. If you saturate the color by 10%, you get **81, 80.449, 120.085**, and if you desaturate by 10%, it is **83, 62.391, 120.377**.

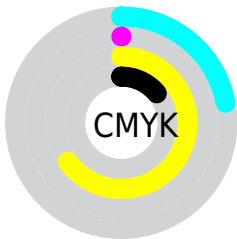
Distribution



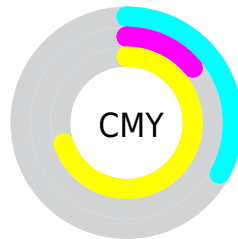
- Red (67%)
- Green (86%)
- Blue (31%)



- Red (31%)
- Yellow (86%)
- Blue (49%)



- Cyan (22%)
- Magenta (0%)
- Yellow (65%)
- Black (14%)





- Cyan (33%)
- Magenta (14%)
- Yellow (70%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 72.110, 120.102 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 82, 72.110, 120.102 by changing the saturation by 10% instead.


 82, 72.110,
120.102


 82, 72.110,
120.102


 100, 72.110,
120.102


 72, 72.110,
120.102

 62, 72.110,
120.102

 52, 72.110,
120.102

 42, 72.110,
120.102

 32, 72.110,
120.102

 22, 72.110,
120.102

 12, 72.110,

120.102

■ 2, 72.110, 120.102

■ 0, 72.110, 120.102

■ 82, 72.110,
120.102

■ 82, 72.110,
120.102

■ 81, 80.449,
120.085

■ 83, 62.391,
120.377

■ 81, 86.877,
120.439

■ 83, 51.754,
120.807

■ 80, 91.016,
121.264

■ 84, 40.544,
121.323

■ 80, 92.537,
121.843


■ 85, 28.995,
121.876


■ 86, 17.266,

122.437

 87, 5.464, 122.992

 88, 6.337, 303.492

 89, 18.084,
303.990

 90, 19.568,
310.841

Harmonies

Complementary

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



82, 72.110, 120.102



46, 83.261, 307.914

Rectangle

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



82, 72.110, 120.102



82, 72.110, 170.102



82, 72.110, 300.102



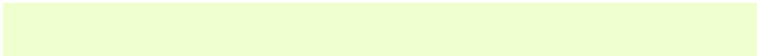
82, 72.110, 350.102

Sweetspot

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



82, 72.111, 120.104



98, 25.277, 122.184



62, 52.605, 51.719



52, 17.384, 122.022



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 72.111, 120.104



93, 93.214, 120.176



79, 82.746, 135.678



46, 6.688, 122.726



65, 77.426, 121.598



17, 27.893, 121.878

Inverse Universe

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



46, 83.261, 307.914



45, 111.786, 308.780



54, 83.733, 322.342



43, 6.809, 303.746



24, 96.539, 308.901



3, 30.324, 303.565

Previews

White Background



This preview shows how the CIELCh color 82, 72.110, 120.102 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 82, 72.110, 120.102 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

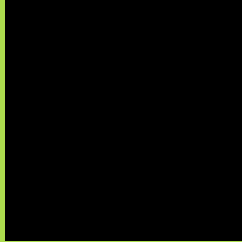
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 72.110, 120.102

Background



This preview shows how black text looks on a background with the CIELCh color 82, 72.110, 120.102.



This preview shows how white text looks on a background with the CIELCh color 82, 72.110, 120.102.

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
82, 72.110, 120.102

Protanopia
82, 65.672, 95.581

Deuteranopia
82, 61.262, 80.150

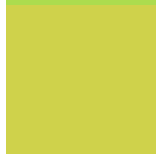


Tritanopia
82, 10.182, 255.806

Trichromacy



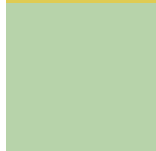
Original Color
82, 72.110, 120.102



Protanomaly
82, 66.355, 105.422



Deuteranomaly
81, 60.972, 96.568



Tritanomaly
82, 24.102, 134.324

Monochromacy



Original Color
82, 72.110, 120.102



Achromatopsia
77, 0.009, 296.813



Achromatomaly
78, 27.775, 121.649

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 72.110, 120.102 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(172, 220, 78)` looks like.

```
.text, #text, p{  
    color:rgb(172, 220, 78)  
}
```

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(172, 220, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 220, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 72.110, 120.102 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(172, 220, 78) }
```

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

```
.border{ border-color:rgb(172, 220, 78) }
```

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

Here you see how a box with a 4 pixel rgb(172, 220, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 220, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 220, 78);  
box-shadow:4px 4px 4px 4px rgb(172, 220,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 72.110, 120.102 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 220, 78) }
```

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

```
.background{ background-color: rgb(172,  
220, 78) }
```

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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