

Converting Colors

CIELCh(82, 95.849, 130.631)

Have a look what the booklet for
CIELCh(82, 95.849, 130.631)
contains.

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Color

CIELCh(82, 95.742, 130.655)

Conversions

Conversions Part 1

Format	Color
Hex	70E62C
RGB	112, 230, 44
RGB Percent	44%, 90%, 17%
CMY	0.5603, 0.0975, 0.8268
CMYK	0.51, 0.00, 0.81, 0.10
HSL	98°, 79%, 54%
HSV	98°, 81%, 90%
XYZ	35.4872, 60.2982, 12.1667
YIQ	173.5140, -10.6220, -82.8620

Conversions

Conversions Part 2

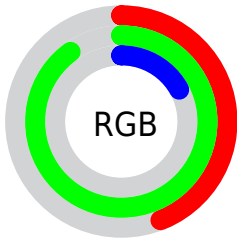
Format	Color
RYB	44, 230, 162
Decimal	7398956
CIELab	82.00, -62.38, 72.63
CIElCh	82, 95.742, 130.655
Yxy	60.2982, 0.3287, 0.5586
Android (android.graphics.Color)	4285589036 (0xFF70E62C)
YUV	173.5140, -63.8504, -53.9478
Hunter-Lab	77.6519, -54.3156, 45.0667

Details

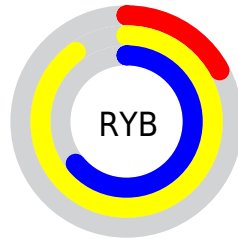
The CIELCh color **82, 95.742, 130.655** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **46, 102.394, 316.225**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 78.907, 128.187**, and **62, 87.317, 134.120** is the 20% darker color. If you saturate the color by 10%, you get **81, 101.779, 131.181**, and if you desaturate by 10%, it is **83, 87.345, 130.564**.

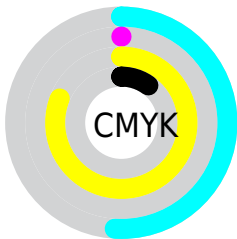
Distribution



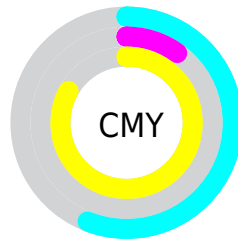
- Red (44%)
- Green (90%)
- Blue (17%)



- Red (17%)
- Yellow (90%)
- Blue (64%)



- Cyan (51%)
- Magenta (0%)
- Yellow (81%)
- Black (10%)





- Cyan (56%)
- Magenta (10%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 95.742, 130.655 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, 95.742, 130.655 by changing the saturation by 10% instead.


 82, 95.742,
130.655


 82, 95.742,
130.655


 100, 95.742,
130.655


 72, 95.742,
130.655

 62, 95.742,
130.655

 52, 95.742,
130.655

 42, 95.742,
130.655

 32, 95.742,
130.655

 22, 95.742,
130.655

 12, 95.742,

130.655

■ 2, 95.742, 130.655

■ 0, 95.742, 130.655

■ 82, 95.742,
130.655

■ 82, 95.742,
130.655

■ 81, 101.779,
131.181

■ 83, 87.345,
130.564

■ 81, 105.312,
132.004


■ 83, 77.104,
130.784


■ 84, 65.579,
131.188

■ 86, 53.231,
131.679


■ 87, 40.397,

132.195

 88, 27.317,
132.700

 90, 14.159,
133.176

 91, 1.045, 133.763

 93, 11.941,
313.961

Harmonies

Complementary

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



82, 95.742, 130.655



46, 102.394, 316.225

Rectangle

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



82, 95.742, 130.655



82, 95.742, 180.655



82, 95.742, 310.655



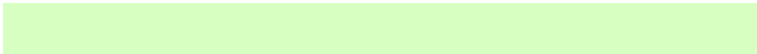
82, 95.742, 0.655

Sweetspot

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



82, 95.742, 130.656



96, 34.241, 132.535



71, 68.017, 76.622



51, 23.513, 132.354



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, 95.742, 130.656



89, 112.851, 131.799



81, 97.041, 139.660



47, 7.420, 133.239



64, 86.843, 131.766



18, 33.620, 131.720

Inverse Universe

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



46, 102.394, 316.225



46, 120.443, 315.395



55, 91.790, 333.226



45, 7.494, 314.005



31, 92.783, 315.407



5, 36.416, 315.823

Previews

White Background



This preview shows how the CIE LCh color 82, 95.742, 130.655 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, 95.742, 130.655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

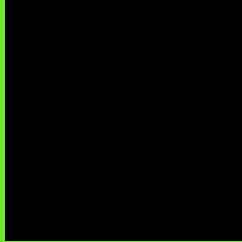
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

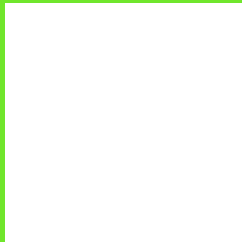
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 95.742, 130.655

Background



This preview shows how black text looks on a background with the CIELCh color 82, 95.742, 130.655.

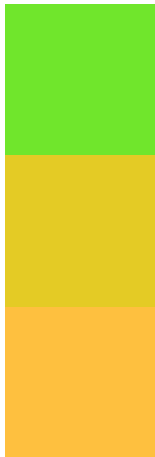


This preview shows how white text looks on a background with the CIELCh color 82, 95.742, 130.655.

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, 95.742, 130.655

Protanopia
81, 77.023, 95.106

Deuteranopia
81, 70.406, 81.239



Tritanopia
82, 23.764, 221.907

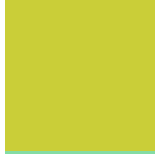
Trichromacy



Original Color
82, 95.742, 130.655



Protanomaly
81, 79.720, 111.621



Deuteranomaly
80, 71.738, 105.146

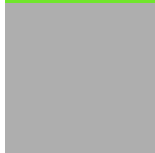


Tritanomaly
81, 43.150, 153.326

Monochromacy



Original Color
82, 95.742, 130.655



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 39.282, 131.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 95.742, 130.655 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(112, 230, 44)` looks like.

```
.text, #text, p{  
    color:rgb(112, 230, 44)  
}
```

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(112, 230, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 230, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 95.742, 130.655 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(112, 230, 44) }
```

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

```
.border{ border-color:rgb(112, 230, 44) }
```

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

Here you see how a box with a 4 pixel rgb(112, 230, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 230, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 230, 44);  
box-shadow:4px 4px 4px 4px rgb(112, 230,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 95.742, 130.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 230, 44) }
```

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

```
.background{ background-color: rgb(112,  
230, 44) }
```

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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