

Converting Colors

CIELCh(82, 70.271, 130.393)

Have a look what the booklet for
CIELCh(82, 70.271, 130.393)
contains.

CIELCh(82, 70.111, 130.481)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 70.111, 130.481)

Conversions

Conversions Part 1

Format	Color
Hex	92E062
RGB	146, 224, 98
RGB Percent	57%, 88%, 38%
CMY	0.4275, 0.1216, 0.6157
CMYK	0.35, 0.00, 0.56, 0.12
HSL	97°, 67%, 63%
HSV	97°, 56%, 88%
XYZ	40.7099, 60.2982, 21.0459
YIQ	186.3140, -6.0420, -55.7220

Conversions

Conversions Part 2

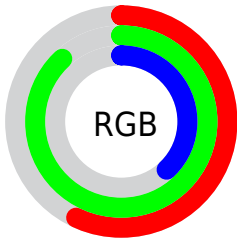
Format	Color
RYB	98, 224, 176
Decimal	9625698
CIELab	82.00, -45.52, 53.33
CIElCh	82, 70.111, 130.481
Yxy	60.2982, 0.3335, 0.4940
Android (android.graphics.Color)	4287815778 (0xFF92E062)
YUV	186.3140, -43.5388, -35.3554
Hunter-Lab	77.6519, -42.3102, 38.2870

Details

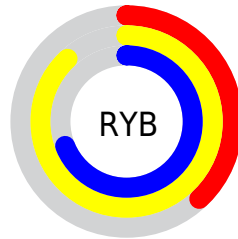
The CIELCh color **82, 70.111, 130.481** is a light color, and the websafe version is hex **66CC66**. A complement of this color would be **55, 74.232, 315.523**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 55.220, 127.329**, and **62, 70.022, 130.400** is the 20% darker color. If you saturate the color by 10%, you get **81, 80.733, 130.181**, and if you desaturate by 10%, it is **83, 58.469, 130.922**.

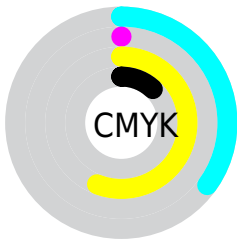
Distribution



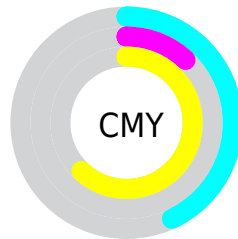
- Red (57%)
- Green (88%)
- Blue (38%)



- Red (38%)
- Yellow (88%)
- Blue (69%)



- Cyan (35%)
- Magenta (0%)
- Yellow (56%)
- Black (12%)





- Cyan (43%)
- Magenta (12%)
- Yellow (62%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 70.111, 130.481 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, 70.111, 130.481 by changing the saturation by 10% instead.


 82, 70.111,
130.481


 82, 70.111,
130.481


 100, 70.111,
130.481


 72, 70.111,
130.481

 62, 70.111,
130.481

 52, 70.111,
130.481

 42, 70.111,
130.481

 32, 70.111,
130.481

 22, 70.111,
130.481

 12, 70.111,

130.481

■ 2, 70.111, 130.481

■ 0, 70.111, 130.481

■ 82, 70.111,
130.481

■ 82, 70.111,
130.481

■ 81, 80.733,
130.181

■ 83, 58.469,
130.922

■ 80, 89.826,
130.134

■ 84, 46.193,
131.420

■ 80, 96.840,
130.470

■ 85, 33.562,
131.927

■ 79, 101.424,
131.277

■ 87, 20.772,
132.415

■ 79, 102.736,

■ 88, 7.963, 132.878

131.623

■ 90, 4.768, 313.228

■ 91, 17.350,
313.618

■ 92, 19.396,
325.098

Harmonies

Complementary

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



82, 70.111, 130.481



55, 74.232, 315.523

Rectangle

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



82, 70.111, 130.481



82, 70.111, 180.481



82, 70.111, 310.481



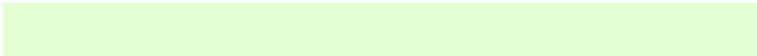
82, 70.111, 0.481

Sweetspot

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



82, 70.112, 130.482



97, 24.141, 132.374



75, 46.872, 79.252



51, 16.151, 132.277



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, 70.112, 130.482



91, 91.456, 130.144



80, 72.411, 142.684



46, 7.254, 132.731



64, 85.549, 131.387



17, 31.962, 131.715

Inverse Universe

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



55, 74.232, 315.523



56, 97.787, 315.811



61, 71.601, 331.122



44, 7.330, 313.497



30, 92.080, 314.977



4, 34.315, 314.798

Previews

White Background



This preview shows how the CIELCh color 82, 70.111, 130.481 looks on a white background.

Color Contrast Check

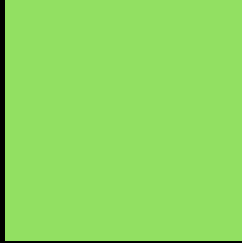
Large Text (above 18pt) WCAG AA × Fail

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, 70.111, 130.481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

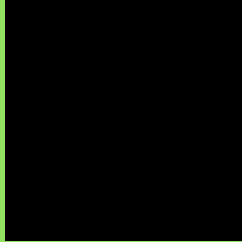
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 70.111, 130.481

Background



This preview shows how black text looks on a background with the CIELCh color 82, 70.111, 130.481.



This preview shows how white text looks on a background with the CIELCh color 82, 70.111, 130.481.

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, 70.111, 130.481

Protanopia
82, 57.662, 95.585

Deuteranopia
81, 51.976, 78.286



Tritanopia
82, 16.793, 231.223

Trichromacy



Original Color
82, 70.111, 130.481



Protanomaly
81, 59.155, 111.085



Deuteranomaly
81, 51.822, 101.752



Tritanomaly
81, 27.581, 155.324

Monochromacy



Original Color
82, 70.111, 130.481



Achromatopsia
76, 0.009, 296.813



Achromatomaly
77, 26.912, 132.468

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 70.111, 130.481 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(146, 224, 98)` looks like.

```
.text, #text, p{  
    color:rgb(146, 224, 98)  
}
```

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(146, 224, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 224, 98) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 70.111, 130.481 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(146, 224, 98) }
```

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

```
.border{ border-color:rgb(146, 224, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 224, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 224, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 224, 98);  
box-shadow:4px 4px 4px 4px rgb(146, 224,  
98) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 70.111, 130.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 224, 98) }
```

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

```
.background{ background-color: rgb(146,  
224, 98) }
```

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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