

Converting Colors

CIELCh(82, 105.366, 131.341)

Have a look what the booklet for
CIELCh(82, 105.366, 131.341)
contains.

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Color

CIELCh(82, 105.468, 131.320)

Conversions

Conversions Part 1

Format	Color
Hex	5CE900
RGB	92, 233, 0
RGB Percent	36%, 91%, 0%
CMY	0.6411, 0.0878, 1.0000
CMYK	0.61, 0.00, 1.00, 0.09
HSL	96°, 100%, 46%
HSV	96°, 100%, 91%
XYZ	33.3833, 60.2982, 9.8413
YIQ	164.2790, -9.2430, -102.3550

Conversions

Conversions Part 2

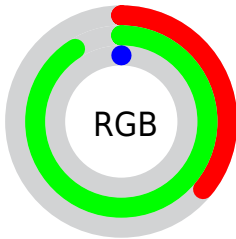
Format	Color
RYB	0, 233, 141
Decimal	6088960
CIELab	82.00, -69.64, 79.21
CIElCh	82, 105.468, 131.320
Yxy	60.2982, 0.3225, 0.5825
Android (android.graphics.Color)	4284279040 (0xFF5CE900)
YUV	164.2790, -80.9895, -63.3887
Hunter-Lab	77.6519, -59.1519, 46.8421

Details

The CIELCh color **82, 105.468, 131.320** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed green. A complement of this color would be **40, 113.923, 314.430**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 87.890, 129.203**, and **63, 90.697, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **82, 105.373, 131.353**, and if you desaturate by 10%, it is **82, 101.433, 130.403**.

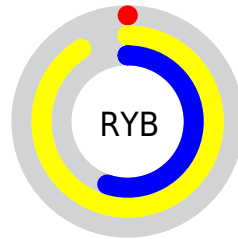
Distribution



Red (36%)

Green (91%)

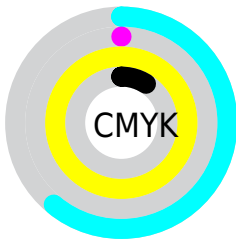
Blue (0%)



Red (0%)

Yellow (91%)

Blue (55%)

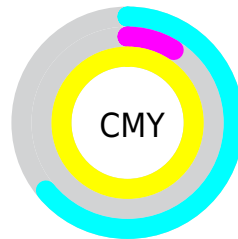


Cyan (61%)

Magenta (0%)

Yellow (100%)

Black (9%)



Cyan (64%)


Magenta (9%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 105.468, 131.320 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, 105.468, 131.320 by changing the saturation by 10% instead.


 82, 105.468,
131.320


 82, 105.468,
131.320


 100, 105.468,
131.320


 72, 105.468,
131.320

 62, 105.468,
131.320

 52, 105.468,
131.320

 42, 105.468,
131.320

 32, 105.468,
131.320

 22, 105.468,
131.320

 12, 105.468,

131.320

■ 2, 105.468,
131.320

■ 0, 105.468,
131.320

■ 82, 105.468,
131.320

■ 82, 105.468,
131.320

■ 82, 105.373,
131.353

■ 82, 101.433,
130.403

■ 83, 95.185,
129.862

■ 84, 86.612,
129.756

■ 85, 76.243,
129.959

■ 86, 64.634,
130.345

■ 87, 52.235,
130.821

■ 88, 39.374,
131.325

■ 89, 26.279,
131.820

■ 91, 13.113,
132.290

Harmonies

Complementary

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



82, 105.468, 131.320



40, 113.923, 314.430

Rectangle

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



82, 105.468, 131.320



82, 105.468, 181.320



82, 105.468, 311.320



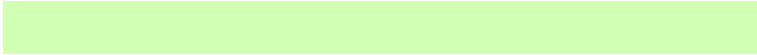
82, 105.468, 1.320

Sweetspot

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



82, 105.373, 131.353



95, 42.419, 131.317



66, 77.318, 68.850



50, 28.894, 131.103



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, 105.373, 131.353



89, 113.057, 131.428



81, 109.735, 136.758



48, 7.499, 132.315



65, 87.110, 131.111



19, 34.817, 130.605

Inverse Universe

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



40, 113.923, 314.430



44, 122.178, 314.375



54, 99.556, 332.734



46, 7.580, 313.086



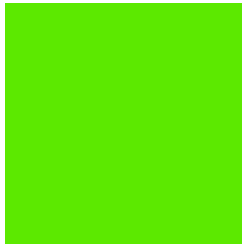
31, 94.311, 314.606



5, 38.177, 315.212

Previews

White Background



This preview shows how the CIELCh color 82, 105.468, 131.320 looks on a white background.

Color Contrast Check

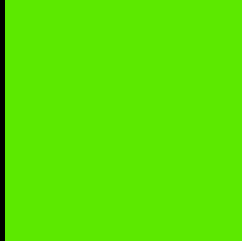
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 105.468, 131.320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

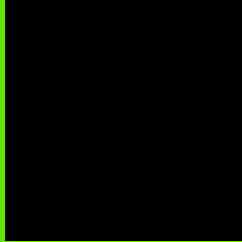
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 105.468, 131.320

Background



This preview shows how black text looks on a background with the CIELCh color 82, 105.468, 131.320.

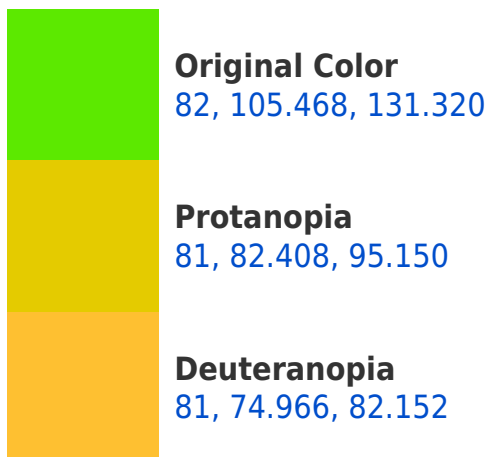


This preview shows how white text looks on a background with the CIELCh color 82, 105.468,

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](#).

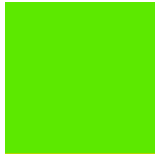
Dichromacy





Tritanopia
82, 27.295, 218.427

Trichromacy



Original Color
82, 105.468, 131.320



Protanomaly
80, 86.547, 113.026



Deuteranomaly
80, 78.997, 106.958



Tritanomaly
81, 53.590, 150.263

Monochromacy



Original Color
82, 105.468, 131.320



Achromatopsia
67, 0.008, 296.813



Achromatomaly
71, 49.335, 130.393

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 105.468, 131.320 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(92, 233, 0)` looks like.

```
.text, #text, p{  
    color:rgb(92, 233, 0)  
}
```

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(92, 233, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 233, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 105.468, 131.320 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(92, 233, 0) }
```

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

```
.border{ border-color:rgb(92, 233, 0) }
```

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

Here you see how a box with a 4 pixel rgb(92, 233, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 233, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 233, 0);  
box-shadow:4px 4px 4px 4px rgb(92, 233, 0)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 82, 105.468, 131.320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 233, 0) }
```

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

```
.background{ background-color: rgb(92, 233,  
0) }
```

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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