

Converting Colors

CIELCh(82, 103.338, 131.010)

Have a look what the booklet for
CIELCh(82, 103.338, 131.010)
contains.

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Color

CIELCh(82, 103.368, 131.076)

Conversions

Conversions Part 1

Format	Color
Hex	61E80E
RGB	97, 232, 14
RGB Percent	38%, 91%, 5%
CMY	0.6195, 0.0901, 0.9448
CMYK	0.58, 0.00, 0.94, 0.09
HSL	97°, 89%, 48%
HSV	97°, 94%, 91%
XYZ	33.8734, 60.2982, 10.2708
YIQ	166.7830, -10.4820, -96.4180

Conversions

Conversions Part 2

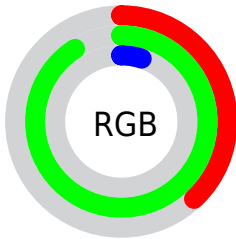
Format	Color
R_{YB}	14, 232, 149
Decimal	6416398
CIE _{Lab}	82.00, -67.92, 77.92
CIE _{LCh}	82, 103.368, 131.076
Yxy	60.2982, 0.3243, 0.5773
Android (android.graphics.Color)	4284606478 (0xFF61E80E)
YUV	166.7830, -75.3220, -61.1997
Hunter-Lab	77.6519, -58.0255, 46.5142

Details

The CIELCh color **82, 103.368, 131.076** is a dark color, and the websafe version is hex **66FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **42, 111.236, 315.225**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 85.889, 128.912**, and **62, 90.315, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **82, 105.547, 131.663**, and if you desaturate by 10%, it is **83, 98.112, 130.370**.

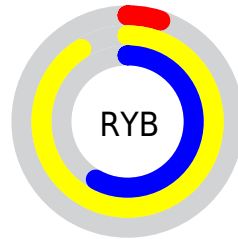
Distribution



Red (38%)

Green (91%)

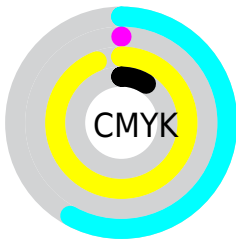
Blue (5%)



Red (5%)

Yellow (91%)

Blue (58%)

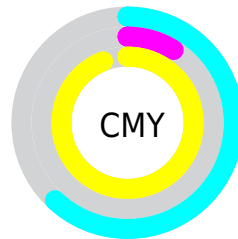


Cyan (58%)

Magenta (0%)

Yellow (94%)

Black (9%)



Cyan (62%)


Magenta (9%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 103.368, 131.076 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, 103.368, 131.076 by changing the saturation by 10% instead.


 82, 103.368,
131.076


 82, 103.368,
131.076


 100, 103.368,
131.076


 72, 103.368,
131.076


 62, 103.368,
131.076

 52, 103.368,
131.076

 42, 103.368,
131.076

 32, 103.368,
131.076

 22, 103.368,
131.076

 12, 103.368,

131.076

■ 2, 103.368,
131.076

■ 0, 103.368,
131.076

■ 82, 103.368,
131.076

■ 82, 103.368,
131.076

■ 82, 105.547,
131.663

■ 83, 98.112,
130.370

■ 83, 90.389,
130.127

■ 84, 80.640,
130.242

■ 85, 69.437,
130.583

■ 86, 57.280,
131.042

■ 87, 44.543,
131.547

■ 88, 31.492,
132.053

■ 90, 18.315,
132.536

■ 91, 5.144, 133.001

Harmonies

Complementary

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



82, 103.368, 131.076



42, 111.236, 315.225

Rectangle

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



82, 103.368, 131.076



82, 103.368, 181.076



82, 103.368, 311.076



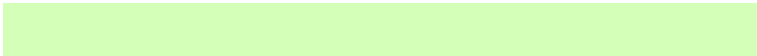
82, 103.368, 1.076

Sweetspot

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



82, 103.368, 131.077



95, 39.756, 131.841



68, 75.077, 72.102



50, 27.412, 131.621



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, 103.368, 131.077



89, 113.459, 131.738



81, 106.614, 137.561



47, 7.390, 132.743



64, 86.491, 131.412



18, 33.474, 131.309

Inverse Universe

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



42, 111.236, 315.225



45, 121.844, 314.738



54, 97.488, 333.236



45, 7.467, 313.511



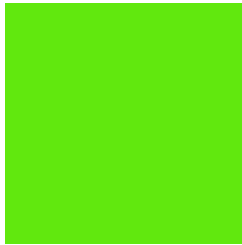
31, 93.068, 314.977



5, 36.334, 315.289

Previews

White Background



This preview shows how the CIELCh color 82, 103.368, 131.076 looks on a white background.

Color Contrast Check

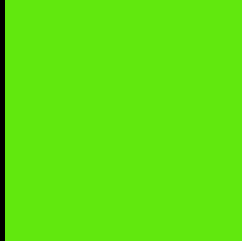
Large Text (above 18pt) WCAG AA × Fail

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, 103.368, 131.076 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, 103.368, 131.076

Background



This preview shows how black text looks on a background with the CIELCh color 82, 103.368, 131.076.

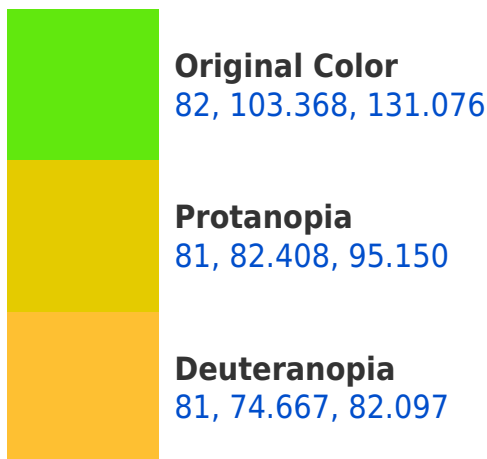


This preview shows how white text looks on a background with the CIELCh color 82, 103.368,

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, 26.507, 217.861

Trichromacy



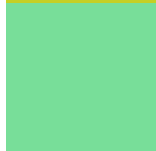
Original Color
82, 103.368, 131.076



Protanomaly
81, 85.937, 112.573

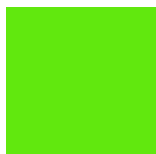


Deuteranomaly
80, 77.610, 106.496

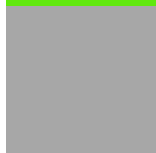


Tritanomaly
81, 51.196, 150.967

Monochromacy



Original Color
82, 103.368, 131.076



Achromatopsia
68, 0.008, 296.813



Achromatomaly
72, 46.635, 130.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 103.368, 131.076 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(97, 232, 14)` looks like.

```
.text, #text, p{  
    color:rgb(97, 232, 14)  
}
```

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(97, 232, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 232, 14) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 103.368, 131.076 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(97, 232, 14) }
```

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

```
.border{ border-color:rgb(97, 232, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 232, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 232, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 232, 14);  
box-shadow:4px 4px 4px 4px rgb(97, 232,  
14) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 103.368, 131.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 232, 14) }
```

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

```
.background{ background-color: rgb(97, 232,  
14) }
```

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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