

Converting Colors

CIELCh(81, 82.607, 134.597)

Have a look what the booklet for
CIELCh(81, 82.607, 134.597)
contains.

CIELCh(81, 82.565, 134.648)	3
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Color

CIELCh(81, 82.565, 134.648)

Conversions

Conversions Part 1

Format	Color
Hex	71E252
RGB	113, 226, 82
RGB Percent	44%, 89%, 32%
CMY	0.5571, 0.1140, 0.6787
CMYK	0.50, 0.00, 0.64, 0.11
HSL	107°, 71%, 60%
HSV	107°, 64%, 89%
XYZ	35.5000, 58.4711, 17.3851
YIQ	175.7970, -21.1240, -68.7400

Conversions

Conversions Part 2

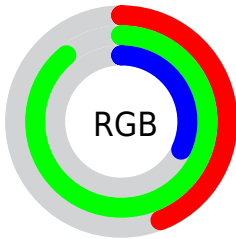
Format	Color
RYB	82, 226, 195
Decimal	7463506
CIELab	81.00, -58.02, 58.74
CIELCh	81, 82.565, 134.648
Yxy	58.4711, 0.3188, 0.5251
Android (android.graphics.Color)	4285653586 (0xFF71E252)
YUV	175.7970, -46.2419, -55.0730
Hunter-Lab	76.4664, -50.9464, 40.0465

Details

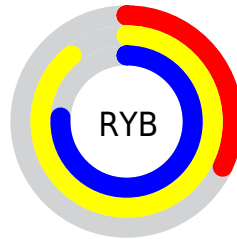
The CIELCh color **81, 82.565, 134.648** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **55, 84.421, 320.808**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 66.611, 133.465**, and **61, 82.670, 134.633** is the 20% darker color. If you saturate the color by 10%, you get **80, 92.424, 134.209**, and if you desaturate by 10%, it is **82, 71.139, 135.249**.

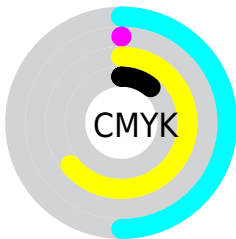
Distribution



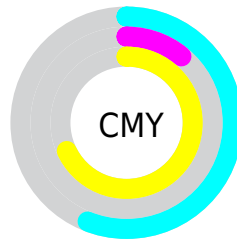
- Red (44%)
- Green (89%)
- Blue (32%)



- Red (32%)
- Yellow (89%)
- Blue (76%)



- Cyan (50%)
- Magenta (0%)
- Yellow (64%)
- Black (11%)





- Cyan (56%)
- Magenta (11%)
- Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 82.565, 134.648 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 81, 82.565, 134.648 by changing the saturation by 10% instead.


 81, 82.565,
134.648

 81, 82.565,
134.648


 100, 82.565,
134.648


 71, 82.565,
134.648


 61, 82.565,
134.648

 51, 82.565,
134.648

 41, 82.565,
134.648

 31, 82.565,
134.648

 21, 82.565,
134.648

 11, 82.565,

134.648

■ 1, 82.565, 134.648

■ 0, 82.565, 134.648

■ 81, 82.565,
134.648

■ 81, 82.565,
134.648

■ 80, 92.424,
134.209

■ 82, 71.139,
135.249

■ 80, 100.125,
134.060

■ 83, 58.667,
135.908

■ 79, 105.206,
134.309

■ 84, 45.555,
136.559

■ 79, 107.238,
134.593


■ 86, 32.103,
137.168


■ 87, 18.533,

137.720

 89, 5.005, 138.236

 91, 8.368, 318.585

 93, 18.131,
324.851

 93, 18.173,
325.055

Harmonies

Complementary

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



81, 82.565, 134.648



55, 84.421, 320.808

Rectangle

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



81, 82.565, 134.648



81, 82.565, 184.648



81, 82.565, 314.648



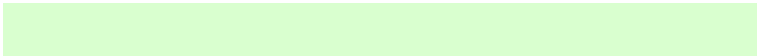
81, 82.565, 4.648

Sweetspot

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



81, 82.566, 134.649



96, 28.334, 137.429



79, 59.104, 91.514



51, 19.510, 137.267



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 82.566, 134.649



89, 103.883, 134.133



81, 71.932, 146.927



46, 7.605, 137.941



63, 88.771, 134.430



17, 33.420, 135.574

Inverse Universe

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



55, 84.421, 320.808



57, 105.821, 320.877



58, 71.183, 338.779



44, 7.650, 318.750



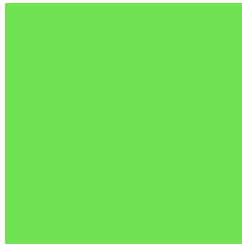
35, 89.349, 320.201



6, 35.332, 320.848

Previews

White Background



This preview shows how the CIELCh color 81, 82.565, 134.648 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 81, 82.565, 134.648 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 81, 82.565, 134.648

Background



This preview shows how black text looks on a background with the CIELCh color 81, 82.565, 134.648.

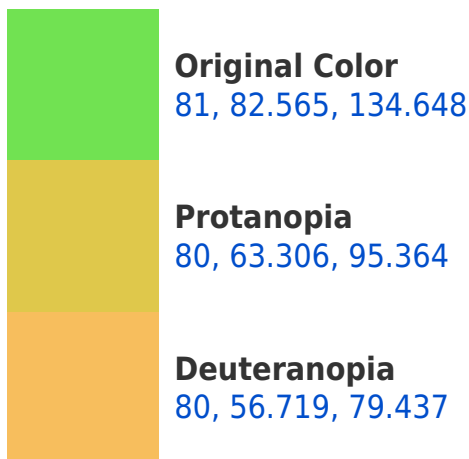


This preview shows how white text looks on a background with the CIELCh color 81, 82.565, 134.648.

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
81, 23.636, 220.655

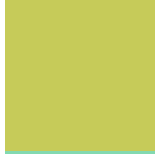
Trichromacy



Original Color
81, 82.565, 134.648



Protanomaly
80, 65.750, 114.000



Deuteranomaly
79, 57.674, 107.054

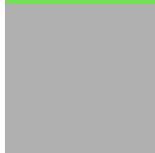


Tritanomaly
81, 37.148, 160.961

Monochromacy



Original Color
81, 82.565, 134.648



Achromatopsia
72, 0.009, 296.813



Achromatomaly
74, 32.071, 137.107

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 82.565, 134.648 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(113, 226, 82)` looks like.

```
.text, #text, p{  
    color:rgb(113, 226, 82)  
}
```

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(113, 226, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 226, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 82.565, 134.648 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(113, 226, 82) }
```

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

```
.border{ border-color:rgb(113, 226, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 226, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 226, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 226, 82);  
box-shadow:4px 4px 4px 4px rgb(113, 226,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 82.565, 134.648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 226, 82) }
```

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

```
.background{ background-color: rgb(113,  
226, 82) }
```

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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