

Converting Colors

CIELCh(81, 84.719, 134.455)

Have a look what the booklet for
CIELCh(81, 84.719, 134.455)
contains.

CIELCh(81, 84.420, 134.533)	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(81, 84.420, 134.533)

Conversions

Conversions Part 1

Format	Color
Hex	6EE24E
RGB	110, 226, 78
RGB Percent	43%, 89%, 31%
CMY	0.5672, 0.1124, 0.6928
CMYK	0.51, 0.00, 0.65, 0.11
HSL	107°, 72%, 60%
HSV	107°, 65%, 89%
XYZ	35.1513, 58.4711, 16.7027
YIQ	174.4440, -21.6280, -70.6200

Conversions

Conversions Part 2

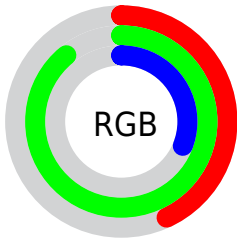
Format	Color
RYB	78, 226, 194
Decimal	7266894
CIELab	81.00, -59.21, 60.18
CIELCh	81, 84.420, 134.533
Yxy	58.4711, 0.3186, 0.5300
Android (android.graphics.Color)	4285456974 (0xFF6EE24E)
YUV	174.4440, -47.5469, -56.5174
Hunter-Lab	76.4664, -51.7604, 40.5756

Details

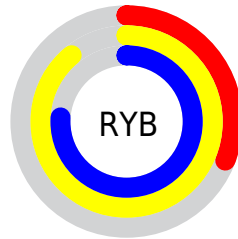
The CIELCh color **81, 84.420, 134.533** is a dark color, and the websafe version is hex **66CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **55, 86.318, 320.796**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 68.606, 133.184**, and **61, 84.648, 134.579** is the 20% darker color. If you saturate the color by 10%, you get **80, 93.974, 134.136**, and if you desaturate by 10%, it is **82, 73.202, 135.113**.

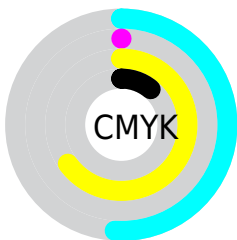
Distribution



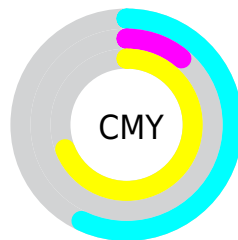
- Red (43%)
- Green (89%)
- Blue (31%)



- Red (31%)
- Yellow (89%)
- Blue (76%)



- Cyan (51%)
- Magenta (0%)
- Yellow (65%)
- Black (11%)





- Cyan (57%)
- Magenta (11%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 84.420, 134.533 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, 84.420, 134.533 by changing the saturation by 10% instead.


 81, 84.420,
134.533


 81, 84.420,
134.533


 100, 84.420,
134.533


 71, 84.420,
134.533


 61, 84.420,
134.533

 51, 84.420,
134.533

 41, 84.420,
134.533

 31, 84.420,
134.533

 21, 84.420,
134.533

 11, 84.420,

134.533

■ 1, 84.420, 134.533

■ 0, 84.420, 134.533

■ 81, 84.420,
134.533

■ 81, 84.420,
134.533

■ 80, 93.974,
134.136

■ 82, 73.202,
135.113

■ 80, 101.274,
134.052

■ 83, 60.858,
135.766

■ 79, 105.911,
134.375

■ 84, 47.814,
136.420

■ 79, 107.364,
134.579


■ 86, 34.387,
137.036


■ 87, 20.810,

137.597

 89, 7.251, 138.111

 91, 6.169, 318.473

 93, 17.404,
322.368

 93, 17.917,
325.046

Harmonies

Complementary

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



81, 84.420, 134.533



55, 86.318, 320.796

Rectangle

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



81, 84.420, 134.533



81, 84.420, 184.533



81, 84.420, 314.533



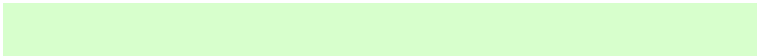
81, 84.420, 4.533

Sweetspot

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



81, 84.421, 134.534



96, 29.821, 137.339



79, 60.546, 91.294



51, 20.352, 137.178



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, 84.421, 134.534



89, 105.621, 134.070



81, 73.604, 146.663



46, 7.602, 137.905



63, 88.753, 134.414



17, 33.411, 135.552

Inverse Universe

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



55, 86.318, 320.796



56, 107.528, 320.820



57, 72.615, 338.957



44, 7.648, 318.714



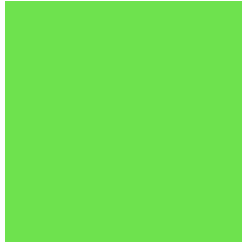
35, 89.365, 320.160



6, 35.326, 320.805

Previews

White Background



This preview shows how the CIELCh color 81, 84.420, 134.533 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, 84.420, 134.533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

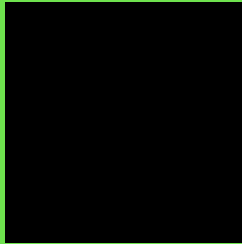
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 84.420, 134.533

Background



This preview shows how black text looks on a background with the CIELCh color 81, 84.420, 134.533.

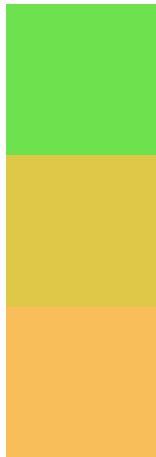


This preview shows how white text looks on a background with the CIELCh color 81, 84.420, 134.533.

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
81, 84.420, 134.533

Protanopia
80, 64.898, 95.426

Deuteranopia
80, 58.009, 79.865



Tritanopia
81, 24.125, 220.143

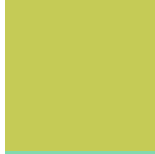
Trichromacy



Original Color
81, 84.420, 134.533



Protanomaly
80, 67.862, 114.270



Deuteranomaly
79, 59.005, 107.305

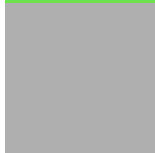


Tritanomaly
80, 38.335, 160.214

Monochromacy



Original Color
81, 84.420, 134.533



Achromatopsia
71, 0.009, 296.813



Achromatomaly
74, 33.383, 137.268

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 84.420, 134.533 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(110, 226, 78)` looks like.

```
.text, #text, p{  
    color:rgb(110, 226, 78)  
}
```

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(110, 226, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 226, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 84.420, 134.533 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(110, 226, 78) }
```

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

```
.border{ border-color:rgb(110, 226, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 226, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 226, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 226, 78);  
box-shadow:4px 4px 4px 4px rgb(110, 226,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 84.420, 134.533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 226, 78) }
```

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

```
.background{ background-color: rgb(110,  
226, 78) }
```

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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