

Converting Colors

CIELCh(78, 68.257, 134.536)

Have a look what the booklet for
CIELCh(78, 68.257, 134.536)
contains.

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Color

CIELCh(78, 68.509, 134.362)

Conversions

Conversions Part 1

Format	Color
Hex	7ED661
RGB	126, 214, 97
RGB Percent	49%, 84%, 38%
CMY	0.5071, 0.1619, 0.6207
CMYK	0.41, 0.00, 0.55, 0.16
HSL	105°, 59%, 61%
HSV	105°, 55%, 84%
XYZ	34.6756, 53.2120, 19.6850
YIQ	174.3500, -14.8910, -55.0430

Conversions

Conversions Part 2

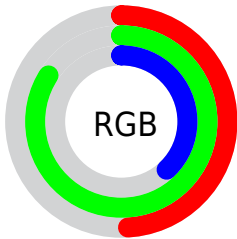
Format	Color
RYB	97, 214, 185
Decimal	8312417
CIELab	78.00, -47.90, 48.98
CIELCh	78, 68.509, 134.362
Yxy	53.2120, 0.3223, 0.4947
Android (android.graphics.Color)	4286502497 (0xFF7ED661)
YUV	174.3500, -38.1335, -42.4029
Hunter-Lab	72.9466, -42.8054, 35.0629

Details

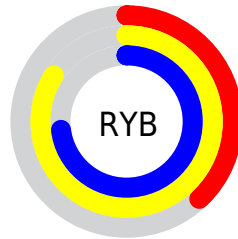
The CIELCh color **78, 68.509, 134.362** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **56, 70.480, 319.589**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 59.242, 133.227**, and **58, 68.880, 134.275** is the 20% darker color. If you saturate the color by 10%, you get **77, 79.270, 133.836**, and if you desaturate by 10%, it is **79, 56.750, 134.967**.

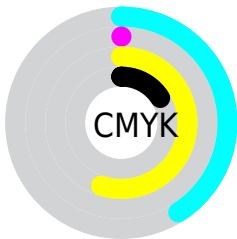
Distribution



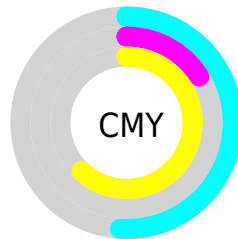
- Red (49%)
- Green (84%)
- Blue (38%)



- Red (38%)
- Yellow (84%)
- Blue (73%)



- Cyan (41%)
- Magenta (0%)
- Yellow (55%)
- Black (16%)





- Cyan (51%)
- Magenta (16%)
- Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 78, 68.509, 134.362 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 78, 68.509, 134.362 by changing the saturation by 10% instead.


 78, 68.509,
134.362

 78, 68.509,
134.362


 100, 68.509,
134.362


 68, 68.509,
134.362


 98, 68.509,
134.362

 58, 68.509,
134.362

 48, 68.509,
134.362

 38, 68.509,
134.362

 28, 68.509,
134.362

 18, 68.509,
134.362

 8, 68.509, 134.362

■ 0, 68.509, 134.362

■ 78, 68.509,
134.362

■ 78, 68.509,
134.362

■ 77, 79.270,
133.836

■ 79, 56.750,
134.967

■ 76, 88.534,
133.492

■ 80, 44.374,
135.581

■ 76, 95.748,
133.462

■ 82, 31.666,
136.164

■ 75, 100.495,
133.844

■ 83, 18.832,
136.699

■ 75, 102.218,
134.122

■ 85, 6.021, 137.196

■ 86, 6.661, 317.546

■ 88, 19.139,

317.926

■ 90, 25.747,
324.868

■ 90, 25.876,
325.326

Harmonies

Complementary

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



78, 68.509, 134.362



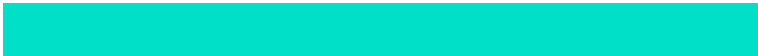
56, 70.480, 319.589

Rectangle

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



78, 68.509, 134.362



78, 68.509, 184.362



78, 68.509, 314.362



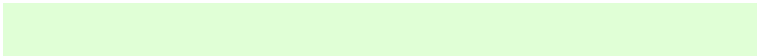
78, 68.509, 4.362

Sweetspot

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



78, 68.510, 134.363



97, 23.606, 136.626



76, 47.856, 90.335



51, 15.946, 136.518



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 68.510, 134.363



90, 92.767, 133.752



77, 61.790, 147.105



44, 7.248, 136.964



61, 86.328, 133.952



15, 29.983, 136.132

Inverse Universe

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



56, 70.480, 319.589



60, 95.545, 319.834



58, 61.658, 336.344



42, 7.297, 317.750



33, 87.870, 319.115



4, 31.108, 318.836

Previews

White Background



This preview shows how the CIELCh color 78, 68.509, 134.362 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 78, 68.509, 134.362 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 78, 68.509, 134.362

Background



This preview shows how black text looks on a background with the CIELCh color 78, 68.509, 134.362.

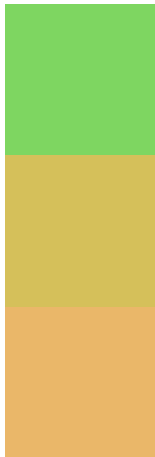


This preview shows how white text looks on a background with the CIELCh color 78, 68.509, 134.362.

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](#).

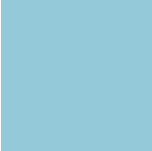
Dichromacy



Original Color
78, 68.509, 134.362

Protanopia
78, 53.372, 95.402

Deuteranopia
78, 47.272, 78.324



Tritanopia
78, 19.241, 224.923

Trichromacy



Original Color
78, 68.509, 134.362

Protanomaly
77, 55.635, 113.376

Deuteranomaly
77, 47.705, 105.183

Tritanomaly
78, 29.858, 160.981

Monochromacy



Original Color
78, 68.509, 134.362

Achromatopsia
71, 0.009, 296.813

Achromatomaly
73, 25.840, 136.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 68.509, 134.362 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(126, 214, 97)` looks like.

```
.text, #text, p{  
    color:rgb(126, 214, 97)  
}
```

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(126, 214, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 214, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 68.509, 134.362 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(126, 214, 97) }
```

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

```
.border{ border-color:rgb(126, 214, 97) }
```

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

Here you see how a box with a 4 pixel rgb(126, 214, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 214, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 214, 97);  
box-shadow:4px 4px 4px 4px rgb(126, 214,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 68.509, 134.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 214, 97) }
```

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

```
.background{ background-color: rgb(126,  
214, 97) }
```

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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