

Converting Colors

CIELCh(86, 63.952, 134.754)

Have a look what the booklet for
CIELCh(86, 63.952, 134.754)
contains.

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Color

CIELCh(86, 64.400, 134.684)

Conversions

Conversions Part 1

Format	Color
Hex	99EC7D
RGB	153, 236, 125
RGB Percent	60%, 93%, 49%
CMY	0.4014, 0.0759, 0.5111
CMYK	0.35, 0.00, 0.47, 0.08
HSL	105°, 74%, 71%
HSV	105°, 47%, 92%
XYZ	46.6378, 67.9871, 29.9530
YIQ	198.5290, -13.8370, -52.1170

Conversions

Conversions Part 2

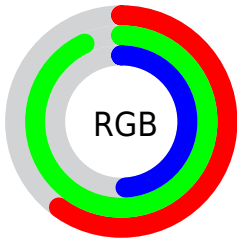
Format	Color
RYB	125, 236, 208
Decimal	10087549
CIELab	86.00, -45.29, 45.79
CIELCh	86, 64.400, 134.684
Yxy	67.9871, 0.3226, 0.4702
Android (android.graphics.Color)	4288277629 (0xFF99EC7D)
YUV	198.5290, -36.2498, -39.9289
Hunter-Lab	82.4543, -43.3319, 36.1798

Details

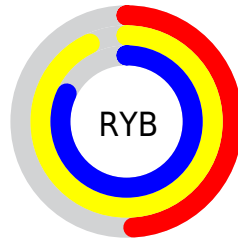
The CIELCh color **86, 64.400, 134.684** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **65, 66.147, 319.217**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 41.973, 130.847**, and **66, 64.648, 134.723** is the 20% darker color. If you saturate the color by 10%, you get **85, 76.876, 134.096**, and if you desaturate by 10%, it is **87, 51.161, 135.299**.

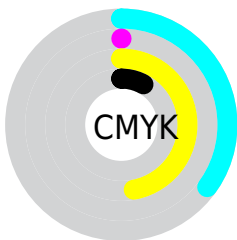
Distribution



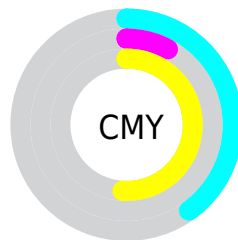
- Red (60%)
- Green (93%)
- Blue (49%)



- Red (49%)
- Yellow (93%)
- Blue (82%)



- Cyan (35%)
- Magenta (0%)
- Yellow (47%)
- Black (8%)



- Cyan (40%)
- Magenta (8%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 64.400, 134.684 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 86, 64.400, 134.684 by changing the saturation by 10% instead.

 86, 64.400,
134.684

 86, 64.400,
134.684

 100, 64.400,
134.684

 76, 64.400,
134.684

 66, 64.400,
134.684

 56, 64.400,
134.684

 46, 64.400,
134.684

 36, 64.400,
134.684

 26, 64.400,
134.684

 16, 64.400,


134.684


 6, 64.400, 134.684

 0, 64.400, 134.684


 86, 64.400,
134.684


 86, 64.400,
134.684


 85, 76.876,
134.096


 87, 51.161,
135.299

 84, 88.134,
133.613


 89, 37.490,
135.892

 83, 97.604,
133.352

 90, 23.632,
136.440

 83, 104.692,
133.444

 92, 9.765, 136.941

 82, 109.071,

 94, 3.988, 317.294

133.958

95, 12.084,
324.836

82, 110.018,
134.121

Harmonies

Complementary

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



86, 64.400, 134.684



65, 66.147, 319.217

Rectangle

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



86, 64.400, 134.684



86, 64.400, 184.684



86, 64.400, 314.684



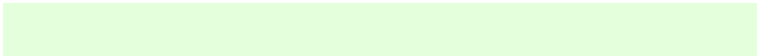
86, 64.400, 4.684

Sweetspot

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



86, 64.401, 134.685



97, 20.614, 136.596



84, 44.104, 90.100



52, 14.242, 136.485



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



86, 64.401, 134.685



91, 81.801, 134.088



85, 58.959, 147.491



48, 7.802, 136.825



65, 90.098, 133.934



19, 36.153, 134.006

Inverse Universe

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



65, 66.147, 319.217



64, 84.277, 319.528



67, 59.075, 335.024



46, 7.856, 317.618



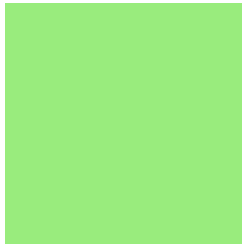
35, 91.810, 318.932



6, 38.589, 319.944

Previews

White Background



This preview shows how the CIELCh color 86, 64.400, 134.684 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 86, 64.400, 134.684 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 86, 64.400, 134.684

Background



This preview shows how black text looks on a background with the CIELCh color 86, 64.400, 134.684.



This preview shows how white text looks on a background with the CIELCh color 86, 64.400, 134.684.

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
86, 64.400, 134.684

Protanopia
86, 50.387, 95.806

Deuteranopia
85, 39.256, 75.477



Tritanopia
86, 18.493, 227.475

Trichromacy



Original Color
86, 64.400, 134.684



Protanomaly
85, 52.150, 113.420



Deuteranomaly
85, 41.184, 105.478

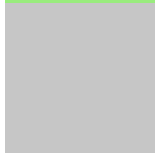


Tritanomaly
86, 27.308, 162.376

Monochromacy



Original Color
86, 64.400, 134.684



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 24.430, 135.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 64.400, 134.684 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(153, 236, 125)` looks like.

```
.text, #text, p{  
    color:rgb(153, 236, 125)  
}
```

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(153, 236, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 236, 125) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 64.400, 134.684 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(153, 236, 125) }
```

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

```
.border{ border-color:rgb(153, 236, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 236, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 236, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 236, 125);  
box-shadow:4px 4px 4px 4px rgb(153, 236,  
125) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 64.400, 134.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 236, 125) }
```

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

```
.background{ background-color: rgb(153,  
236, 125) }
```

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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