

Converting Colors

CIELCh(86, 66.415, 143.309)

Have a look what the booklet for
CIELCh(86, 66.415, 143.309)
contains.

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Color

CIELCh(86, 66.211, 143.388)

Conversions

Conversions Part 1

Format	Color
Hex	7DEF89
RGB	125, 239, 137
RGB Percent	49%, 94%, 54%
CMY	0.5093, 0.0622, 0.4623
CMYK	0.48, 0.00, 0.43, 0.06
HSL	126°, 78%, 71%
HSV	126°, 48%, 94%
XYZ	43.9040, 67.9871, 34.5197
YIQ	193.2860, -35.2020, -55.8900

Conversions

Conversions Part 2

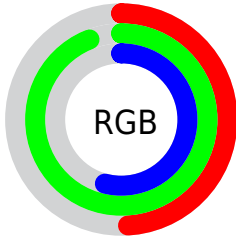
Format	Color
RYB	125, 228, 239
Decimal	8253321
CIELab	86.00, -53.15, 39.49
CIElCh	86, 66.211, 143.388
Yxy	67.9871, 0.2999, 0.4644
Android (android.graphics.Color)	4286443401 (0xFF7DEF89)
YUV	193.2860, -27.7490, -59.8868
Hunter-Lab	82.4543, -49.2500, 32.8961

Details

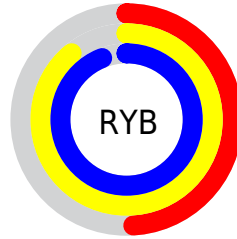
The CIELCh color **86, 66.211, 143.388** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **68, 65.892, 330.237**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 41.372, 145.984**, and **66, 66.198, 143.290** is the 20% darker color. If you saturate the color by 10%, you get **85, 78.612, 142.149**, and if you desaturate by 10%, it is **87, 52.905, 144.489**.

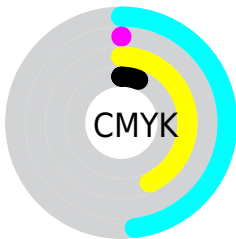
Distribution



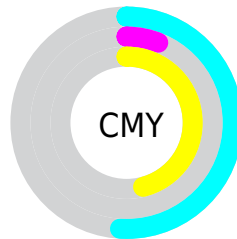
- Red (49%)
- Green (94%)
- Blue (54%)



- Red (49%)
- Yellow (89%)
- Blue (94%)



- Cyan (48%)
- Magenta (0%)
- Yellow (43%)
- Black (6%)



- Cyan (51%)
- Magenta (6%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 66.211, 143.388 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, 66.211, 143.388 by changing the saturation by 10% instead.


 86, 66.211,
143.388

 86, 66.211,
143.388


 100, 66.211,
143.388


 76, 66.211,
143.388


 66, 66.211,
143.388

 56, 66.211,
143.388


 46, 66.211,
143.388


 36, 66.211,
143.388


 26, 66.211,
143.388


 16, 66.211,


143.388

 6, 66.211, 143.388


 0, 66.211, 143.388

 86, 66.211,
143.388


 86, 66.211,
143.388


 85, 78.612,
142.149


 87, 52.905,
144.489


 84, 89.709,
140.801


 89, 39.041,
145.448

 83, 99.084,
139.411

 91, 24.914,
146.273

 83, 106.327,
138.090

 93, 10.759,
146.992

 83, 111.139,

 95, 3.248, 327.461

136.986

96, 9.893, 324.754

83, 111.939,
136.800

Harmonies

Complementary

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



86, 66.211, 143.388



68, 65.892, 330.237

Rectangle

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



86, 66.211, 143.388



86, 66.211, 193.388



86, 66.211, 323.388



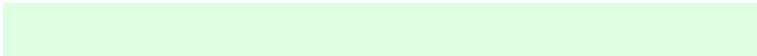
86, 66.211, 13.388

Sweetspot

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



86, 66.212, 143.388



97, 20.761, 146.544



92, 56.953, 110.269



51, 14.346, 146.384



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, 66.212, 143.388



90, 81.937, 142.211



87, 44.644, 164.241



49, 7.993, 146.868



65, 91.429, 136.977



19, 37.613, 139.732

Inverse Universe

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



68, 65.892, 330.237



68, 80.923, 330.777



67, 48.947, 355.193



47, 8.009, 327.957



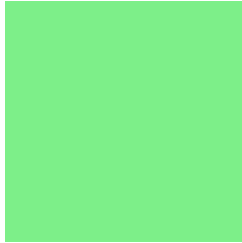
43, 83.151, 332.915



10, 36.716, 332.198

Previews

White Background



This preview shows how the CIE LCh color 86, 66.211, 143.388 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, 66.211, 143.388 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, 66.211, 143.388

Background



This preview shows how black text looks on a background with the CIELCh color 86, 66.211, 143.388.



This preview shows how white text looks on a background with the CIELCh color 86, 66.211, 143.388.

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, 66.211, 143.388

Protanopia
86, 45.524, 95.783

Deuteranopia
86, 37.464, 74.126

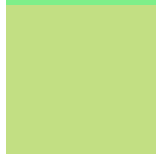


Tritanopia
86, 25.420, 219.955

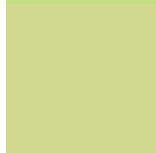
Trichromacy



Original Color
86, 66.211, 143.388



Protanomaly
85, 48.380, 120.045



Deuteranomaly
84, 38.349, 112.275



Tritanomaly
86, 33.063, 173.696

Monochromacy



Original Color
86, 66.211, 143.388



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 25.138, 146.524

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 66.211, 143.388 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(125, 239, 137)` looks like.

```
.text, #text, p{  
    color:rgb(125, 239, 137)  
}
```

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(125, 239, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 239, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 66.211, 143.388 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(125, 239, 137) }
```

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

```
.border{ border-color:rgb(125, 239, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 239, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 239, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 239, 137);  
box-shadow:4px 4px 4px 4px rgb(125, 239,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 66.211, 143.388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 239, 137) }
```

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

```
.background{ background-color: rgb(125,  
239, 137) }
```

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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