

Converting Colors

CIELCh(86, 60.297, 148.728)

Have a look what the booklet for
CIELCh(86, 60.297, 148.728)
contains.

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Color

CIELCh(86, 60.547, 148.529)

Conversions

Conversions Part 1

Format	Color
Hex	79EF99
RGB	121, 239, 153
RGB Percent	47%, 94%, 60%
CMY	0.5261, 0.0634, 0.4006
CMYK	0.49, 0.00, 0.36, 0.06
HSL	136°, 79%, 71%
HSV	136°, 49%, 94%
XYZ	44.4193, 67.9871, 40.8545
YIQ	193.9140, -42.7220, -51.7620

Conversions

Conversions Part 2

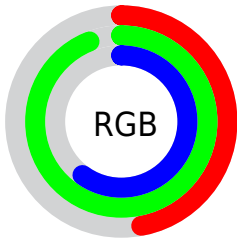
Format	Color
RYB	121, 214, 239
Decimal	7991193
CIELab	86.00, -51.64, 31.61
CIELCh	86, 60.547, 148.529
Yxy	67.9871, 0.2898, 0.4436
Android (android.graphics.Color)	4286181273 (0xFF79EF99)
YUV	193.9140, -20.1706, -63.9456
Hunter-Lab	82.4543, -48.1345, 28.3410

Details

The CIELCh color **86, 60.547, 148.529** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **67, 60.809, 336.856**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 36.001, 155.200**, and **66, 60.477, 148.510** is the 20% darker color. If you saturate the color by 10%, you get **85, 71.482, 147.131**, and if you desaturate by 10%, it is **87, 48.864, 149.749**.

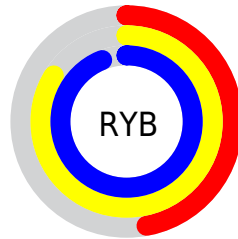
Distribution



Red (47%)

Green (94%)

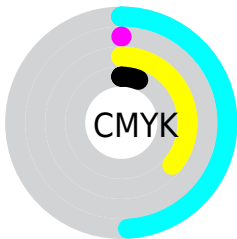
Blue (60%)



Red (47%)

Yellow (84%)

Blue (94%)

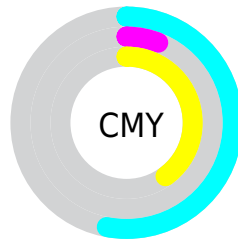


Cyan (49%)

Magenta (0%)

Yellow (36%)

Black (6%)



Cyan (53%)


Magenta (6%)


Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 60.547, 148.529 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, 60.547, 148.529 by changing the saturation by 10% instead.


 86, 60.547,
148.529


 86, 60.547,
148.529


 100, 60.547,
148.529


 76, 60.547,
148.529

 66, 60.547,
148.529

 56, 60.547,
148.529

 46, 60.547,
148.529

 36, 60.547,
148.529


 26, 60.547,
148.529


 16, 60.547,


148.529

 6, 60.547, 148.529


 0, 60.547, 148.529


 86, 60.547,
148.529


 86, 60.547,
148.529


 85, 71.482,
147.131


 87, 48.864,
149.749


 84, 81.417,
145.550


 89, 36.681,
150.807

 84, 90.133,
143.804

 90, 24.229,
151.726


 83, 97.462,
141.942


 92, 11.702,
152.533

 83, 103.356,

 95, 0.743, 332.682

140.087

 96, 10.074,
324.761

 83, 103.671,
139.988

Harmonies

Complementary

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



86, 60.547, 148.529



67, 60.809, 336.856

Rectangle

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



86, 60.547, 148.529



86, 60.547, 198.529



86, 60.547, 328.529



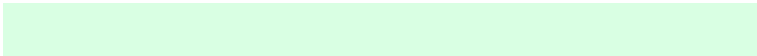
86, 60.547, 18.529

Sweetspot

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



86, 60.548, 148.529



97, 19.728, 152.088



90, 60.047, 117.590



51, 13.467, 151.915



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, 60.548, 148.529



90, 74.894, 147.160



87, 40.028, 175.595



49, 7.089, 152.528



65, 84.461, 140.319



20, 34.203, 143.612

Inverse Universe

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



67, 60.809, 336.856



67, 74.492, 337.760



65, 48.522, 7.623



47, 7.121, 333.753



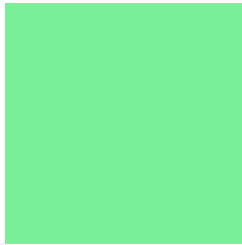
41, 73.502, 342.813



9, 32.939, 340.268

Previews

White Background



This preview shows how the CIE LCh color 86, 60.547, 148.529 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, 60.547, 148.529 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, 60.547, 148.529

Background



This preview shows how black text looks on a background with the CIELCh color 86, 60.547, 148.529.



This preview shows how white text looks on a background with the CIELCh color 86, 60.547, 148.529.

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, 60.547, 148.529

Protanopia

86, 38.004, 95.800

Deuteranopia

85, 30.146, 69.171

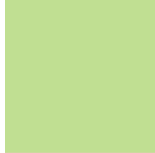


Tritanopia
86, 26.953, 219.785

Trichromacy



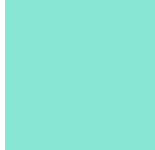
Original Color
86, 60.547, 148.529



Protanomaly
85, 41.476, 123.845



Deuteranomaly
84, 31.052, 116.975

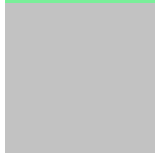


Tritanomaly
86, 32.803, 179.383

Monochromacy



Original Color
86, 60.547, 148.529



Achromatopsia
78, 0.009, 296.813



Achromatomaly
80, 22.897, 151.941

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 60.547, 148.529 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(121, 239, 153)` looks like.

```
.text, #text, p{  
    color:rgb(121, 239, 153)  
}
```

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(121, 239, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 239, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 60.547, 148.529 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(121, 239, 153) }
```

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

```
.border{ border-color:rgb(121, 239, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 239, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 239, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 239, 153);  
box-shadow:4px 4px 4px 4px rgb(121, 239,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 60.547, 148.529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 239, 153) }
```

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

```
.background{ background-color: rgb(121,  
239, 153) }
```

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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