

Converting Colors

CIELCh(87, 61.712, 146.018)

Have a look what the booklet for
CIELCh(87, 61.712, 146.018)
contains.

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Color

CIELCh(87, 61.352, 146.035)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 81F196 |
| RGB | 129, 241, 150 |
| RGB Percent | 51%, 95%, 59% |
| CMY | 0.4929, 0.0536, 0.4106 |
| CMYK | 0.46, 0.00, 0.38, 0.05 |
| HSL | 131°, 80%, 73% |
| HSV | 131°, 46%, 95% |
| XYZ | 46.1824, 70.0064, 40.0587 |
| YIQ | 197.1380, -37.5410, -52.0450 |

Conversions

Conversions Part 2

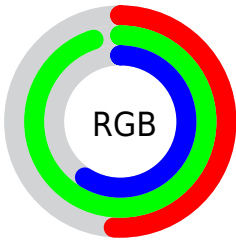
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 129, 223, 241 |
| Decimal | 8515990 |
| CIELab | 87.00, -50.88, 34.28 |
| CIELCh | 87, 61.352, 146.035 |
| Yxy | 70.0064, 0.2956, 0.4480 |
| Android (android.graphics.Color) | 4286706070 (0xFF81F196) |
| YUV | 197.1380, -23.2390, -59.7570 |
| Hunter-Lab | 83.6698, -47.8974, 30.1825 |

Details

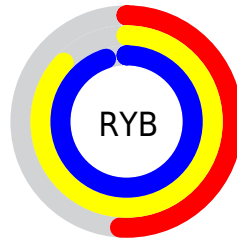
The CIELCh color **87, 61.352, 146.035** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **69, 61.295, 333.133**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 35.276, 150.818**, and **67, 61.295, 146.009** is the 20% darker color. If you saturate the color by 10%, you get **86, 73.347, 144.746**, and if you desaturate by 10%, it is **88, 48.605, 147.162**.

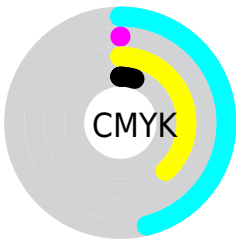
Distribution



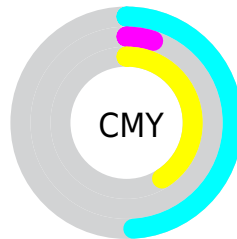
- Red (51%)
- Green (95%)
- Blue (59%)



- Red (51%)
- Yellow (87%)
- Blue (95%)



- Cyan (46%)
- Magenta (0%)
- Yellow (38%)
- Black (5%)





- Cyan (49%)
- Magenta (5%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 87, 61.352, 146.035 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 87, 61.352, 146.035 by changing the saturation by 10% instead.


 87, 61.352,
146.035


 87, 61.352,
146.035


 100, 61.352,
146.035


 77, 61.352,
146.035

 67, 61.352,
146.035

 57, 61.352,
146.035

 47, 61.352,
146.035

 37, 61.352,
146.035


 27, 61.352,
146.035


 17, 61.352,


146.035

 7, 61.352, 146.035

 0, 61.352, 146.035


 87, 61.352,
146.035

 87, 61.352,
146.035


 86, 73.347,
144.746


 88, 48.605,
147.162

 85, 84.275,
143.300


 90, 35.392,
148.137

 84, 93.824,
141.728

 92, 21.967,
148.979

 84, 101.708,
140.099


 94, 8.534, 149.722

 84, 107.697,

 96, 4.750, 330.226

138.525

 97, 8.520, 324.702

 84, 109.412,
138.038

Harmonies

Complementary

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



87, 61.352, 146.035



69, 61.295, 333.133

Rectangle

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



87, 61.352, 146.035



87, 61.352, 196.035



87, 61.352, 326.035



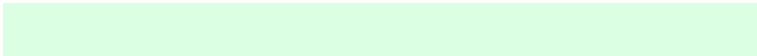
87, 61.352, 16.035

Sweetspot

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



87, 61.353, 146.035



97, 19.576, 149.162



92, 56.427, 114.118



51, 13.526, 148.995



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



87, 61.353, 146.035



90, 76.176, 144.780



88, 40.941, 169.810



49, 7.538, 149.501



65, 88.554, 138.310



19, 36.036, 141.403

Inverse Universe

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



69, 61.295, 333.133



68, 75.485, 333.830



67, 46.677, 0.824



47, 7.560, 330.647



42, 78.064, 337.388



9, 34.756, 335.886

Previews

White Background



This preview shows how the CIE LCh color 87, 61.352, 146.035 looks on a white background.

Color Contrast Check

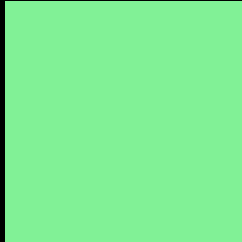
Large Text (above 18pt) WCAG AA × Fail

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 87, 61.352, 146.035 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

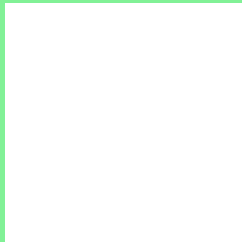
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 87, 61.352, 146.035

Background



This preview shows how black text looks on a background with the CIELCh color 87, 61.352, 146.035.




This preview shows how white text looks on a background with the CIELCh color 87, 61.352, 146.035.

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



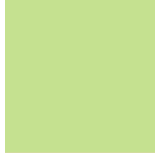


Tritanopia
87, 25.653, 219.684

Trichromacy



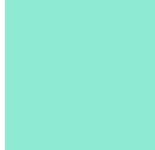
Original Color
87, 61.352, 146.035



Protanomaly
86, 42.985, 121.548



Deuteranomaly
86, 32.861, 114.958

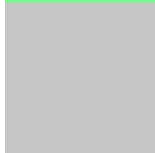


Tritanomaly
87, 32.238, 176.218

Monochromacy



Original Color
87, 61.352, 146.035



Achromatopsia
80, 0.010, 296.813



Achromatomaly
82, 23.165, 149.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 87, 61.352, 146.035 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(129, 241, 150)` looks like.

```
.text, #text, p{  
    color:rgb(129, 241, 150)  
}
```

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(129, 241, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 241, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 87, 61.352, 146.035 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(129, 241, 150) }
```

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

```
.border{ border-color:rgb(129, 241, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 241, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 241, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 241, 150); box-shadow:4px 4px 4px 4px rgb(129, 241, 150) }
```

Background

The CSS property to change the background color of an element to CIELCh 87, 61.352, 146.035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 241, 150) }
```

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

```
.background{ background-color: rgb(129,  
241, 150) }
```

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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