

Converting Colors

CIELCh(86, 56.849, 144.324)

Have a look what the booklet for
CIELCh(86, 56.849, 144.324)
contains.

| | |
|--|----|
| CIELCh(86, 57.178, 144.310) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(86, 57.178, 144.310)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8BED96 |
| RGB | 139, 237, 150 |
| RGB Percent | 55%, 93%, 59% |
| CMY | 0.4564, 0.0721, 0.4132 |
| CMYK | 0.41, 0.00, 0.37, 0.07 |
| HSL | 127°, 73%, 74% |
| HSV | 127°, 41%, 93% |
| XYZ | 46.2298, 67.9871, 39.3872 |
| YIQ | 197.7800, -30.4810, -47.8330 |

Conversions

Conversions Part 2

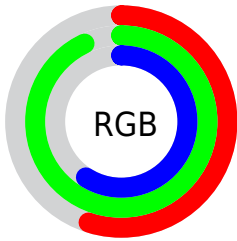
| Format | Color |
|-------------------------------------|--|
| RYB | 139, 227, 237 |
| Decimal | 9170326 |
| CIELab | 86.00, -46.44, 33.36 |
| CIELCh | 86, 57.178, 144.310 |
| Yxy | 67.9871, 0.3010, 0.4426 |
| Android (android.graphics.Color) | 4287360406 (0xFF8BED96) |
| YUV | 197.7800, -23.5555, -51.5501 |
| Hunter-Lab | 82.4543, -44.2151, 29.3960 |

Details

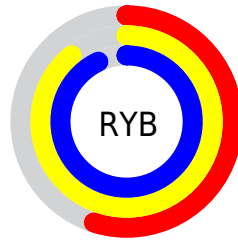
The CIELCh color **86, 57.178, 144.310** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 57.088, 330.114**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 33.252, 147.289**, and **66, 57.079, 144.396** is the 20% darker color. If you saturate the color by 10%, you get **85, 70.023, 143.152**, and if you desaturate by 10%, it is **87, 43.670, 145.324**.

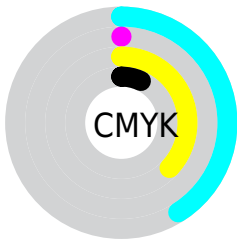
Distribution



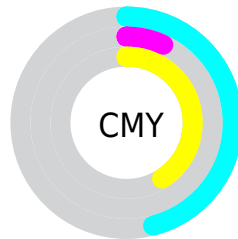
- Red (55%)
- Green (93%)
- Blue (59%)



- Red (55%)
- Yellow (89%)
- Blue (93%)



- Cyan (41%)
- Magenta (0%)
- Yellow (37%)
- Black (7%)





- Cyan (46%)
- Magenta (7%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 57.178, 144.310 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, 57.178, 144.310 by changing the saturation by 10% instead.


 86, 57.178,
144.310


 86, 57.178,
144.310


 100, 57.178,
144.310


 76, 57.178,
144.310

 66, 57.178,
144.310

 56, 57.178,
144.310

 46, 57.178,
144.310

 36, 57.178,
144.310


 26, 57.178,
144.310


 16, 57.178,


144.310

 6, 57.178, 144.310


 0, 57.178, 144.310


 86, 57.178,
144.310


 86, 57.178,
144.310


 85, 70.023,
143.152


 87, 43.670,
145.324

 84, 81.842,
141.860


 89, 29.802,
146.199


 83, 92.243,
140.473

 91, 15.827,
146.955


 83, 100.821,
139.070


 93, 1.940, 147.738

 82, 107.201,

 95, 11.321,
325.340

137.773

 96, 11.472,
324.813

 82, 110.801,
136.892

Harmonies

Complementary

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



86, 57.178, 144.310



71, 57.088, 330.114

Rectangle

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



86, 57.178, 144.310



86, 57.178, 194.310



86, 57.178, 324.310



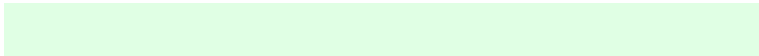
86, 57.178, 14.310

Sweetspot

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



86, 57.179, 144.310



97, 17.686, 146.910



91, 49.492, 110.738



52, 11.739, 146.815



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, 57.179, 144.310



91, 72.505, 143.300



87, 38.963, 165.082



48, 7.812, 147.091



64, 90.256, 137.082



18, 36.109, 140.305

Inverse Universe

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



71, 57.088, 330.114



71, 72.047, 330.632



69, 42.273, 354.154



46, 7.829, 328.182



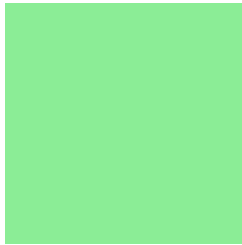
42, 81.832, 333.276



9, 35.495, 332.459

Previews

White Background



This preview shows how the CIE LCh color 86, 57.178, 144.310 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, 57.178, 144.310 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

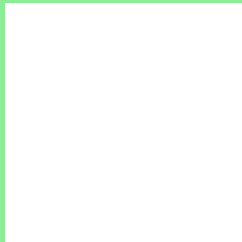
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 57.178, 144.310

Background



This preview shows how black text looks on a background with the CIELCh color 86, 57.178, 144.310.

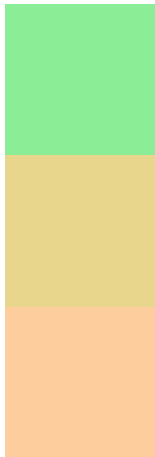


This preview shows how white text looks on a background with the CIELCh color 86, 57.178, 144.310.

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, 57.178, 144.310

Protanopia
86, 38.994, 95.973

Deuteranopia
85, 32.124, 70.640

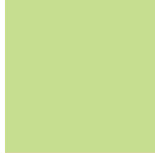


Tritanopia
86, 22.731, 222.901

Trichromacy



Original Color
86, 57.178, 144.310



Protanomaly
85, 41.224, 120.072



Deuteranomaly
85, 32.205, 110.926

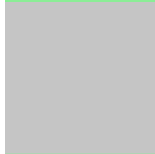


Tritanomaly
86, 28.381, 175.671

Monochromacy



Original Color
86, 57.178, 144.310



Achromatopsia
80, 0.010, 296.813



Achromatomaly
81, 20.980, 146.641

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 57.178, 144.310 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(139, 237, 150)` looks like.

```
.text, #text, p{  
    color:rgb(139, 237, 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(139, 237, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 237, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 57.178, 144.310 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(139, 237, 150) }
```

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

```
.border{ border-color:rgb(139, 237, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 237, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 237, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 237, 150);  
box-shadow:4px 4px 4px 4px rgb(139, 237,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 57.178, 144.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 237, 150) }
```

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

```
.background{ background-color: rgb(139,  
237, 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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