

Converting Colors

CIELCh(86, 61.494, 142.270)

Have a look what the booklet for
CIELCh(86, 61.494, 142.270)
contains.

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Color

CIELCh(86, 61.256, 142.196)

Conversions

Conversions Part 1

Format	Color
Hex	89ED8D
RGB	137, 237, 141
RGB Percent	54%, 93%, 55%
CMY	0.4617, 0.0696, 0.4461
CMYK	0.42, 0.00, 0.40, 0.07
HSL	122°, 74%, 73%
HSV	122°, 42%, 93%
XYZ	45.5420, 67.9871, 36.0141
YIQ	196.1560, -28.7840, -51.0560

Conversions

Conversions Part 2

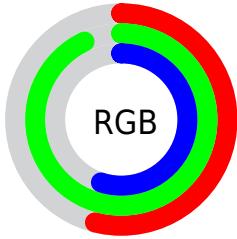
Format	Color
RYB	137, 233, 237
Decimal	9039245
CIELab	86.00, -48.40, 37.55
CIElCh	86, 61.256, 142.196
Yxy	67.9871, 0.3045, 0.4546
Android (android.graphics.Color)	4287229325 (0xFF89ED8D)
YUV	196.1560, -27.1919, -51.8798
Hunter-Lab	82.4543, -45.7042, 31.8215

Details

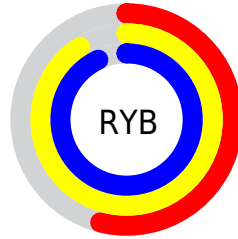
The CIELCh color **86, 61.256, 142.196** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **71, 61.083, 327.850**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 37.399, 143.708**, and **66, 61.143, 142.126** is the 20% darker color. If you saturate the color by 10%, you get **85, 74.619, 141.080**, and if you desaturate by 10%, it is **87, 47.097, 143.189**.

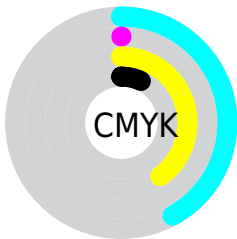
Distribution



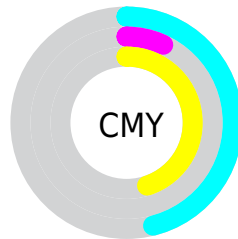
- Red (54%)
- Green (93%)
- Blue (55%)



- Red (54%)
- Yellow (91%)
- Blue (93%)



- Cyan (42%)
- Magenta (0%)
- Yellow (40%)
- Black (7%)





- Cyan (46%)
- Magenta (7%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 61.256, 142.196 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, 61.256, 142.196 by changing the saturation by 10% instead.


 86, 61.256,
142.196


 86, 61.256,
142.196


 100, 61.256,
142.196


 76, 61.256,
142.196

 66, 61.256,
142.196

 56, 61.256,
142.196

 46, 61.256,
142.196

 36, 61.256,
142.196


 26, 61.256,
142.196


 16, 61.256,


142.196


 6, 61.256, 142.196

 0, 61.256, 142.196


 86, 61.256,
142.196


 86, 61.256,
142.196


 85, 74.619,
141.080


 87, 47.097,
143.189

 84, 86.739,
139.874


 89, 32.504,
144.051


 83, 97.109,
138.650

 91, 17.770,
144.794


 83, 105.188,
137.529

 93, 3.116, 145.499

 82, 110.527,

 96, 11.065,
324.798

136.655

 82, 112.766,
136.252

Harmonies

Complementary

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



86, 61.256, 142.196



71, 61.083, 327.850

Rectangle

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



86, 61.256, 142.196



86, 61.256, 192.196



86, 61.256, 322.196



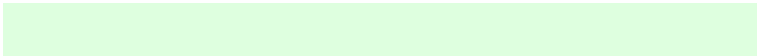
86, 61.256, 12.196

Sweetspot

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



86, 61.257, 142.196



97, 20.166, 144.731



92, 50.283, 107.647



51, 14.126, 144.574



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, 61.257, 142.196



91, 77.509, 141.191



87, 41.949, 161.159



49, 8.365, 144.976



65, 92.850, 136.341



19, 38.891, 138.507

Inverse Universe

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



71, 61.083, 327.850



71, 76.962, 328.301



69, 44.513, 349.978



47, 8.378, 326.033



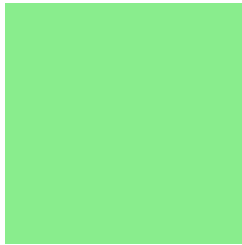
43, 87.522, 329.881



10, 38.373, 329.643

Previews

White Background



This preview shows how the CIELCh color 86, 61.256, 142.196 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, 61.256, 142.196 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, 61.256, 142.196

Background



This preview shows how black text looks on a background with the CIELCh color 86, 61.256, 142.196.

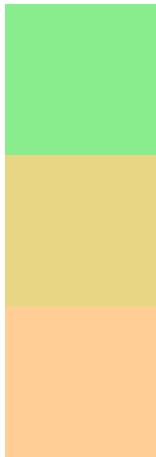


This preview shows how white text looks on a background with the CIELCh color 86, 61.256, 142.196.

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, 61.256, 142.196

Protanopia
86, 43.011, 95.999

Deuteranopia
86, 36.133, 73.010

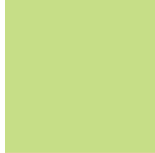


Tritanopia
86, 22.731, 222.901

Trichromacy



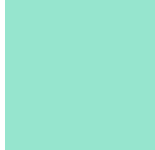
Original Color
86, 61.256, 142.196



Protanomaly
85, 45.558, 118.536



Deuteranomaly
85, 36.718, 110.139

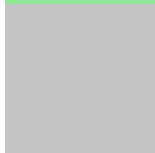


Tritanomaly
85, 29.435, 173.096

Monochromacy



Original Color
86, 61.256, 142.196



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 22.924, 144.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 61.256, 142.196 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(137, 237, 141)` looks like.

```
.text, #text, p{  
    color:rgb(137, 237, 141)  
}
```

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(137, 237, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 237, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 61.256, 142.196 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(137, 237, 141) }
```

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

```
.border{ border-color:rgb(137, 237, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 237, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 237, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 237, 141);  
box-shadow:4px 4px 4px 4px rgb(137, 237,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 61.256, 142.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 237, 141) }
```

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

```
.background{ background-color: rgb(137,  
237, 141) }
```

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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