

Converting Colors

CIELCh(86, 60.941, 132.313)

Have a look what the booklet for
CIELCh(86, 60.941, 132.313)
contains.

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Color

CIELCh(86, 61.139, 132.115)

Conversions

Conversions Part 1

Format	Color
Hex	A3EA7E
RGB	163, 234, 126
RGB Percent	64%, 92%, 49%
CMY	0.3616, 0.0832, 0.5067
CMYK	0.30, 0.00, 0.46, 0.08
HSL	99°, 72%, 71%
HSV	99°, 46%, 92%
XYZ	48.1745, 67.9871, 30.2547
YIQ	200.4590, -7.6480, -48.6400

Conversions

Conversions Part 2

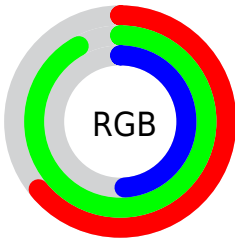
Format	Color
RYB	126, 234, 197
Decimal	10742398
CIELab	86.00, -41.00, 45.35
CIElCh	86, 61.139, 132.115
Yxy	67.9871, 0.3290, 0.4643
Android (android.graphics.Color)	4288932478 (0xFFA3EA7E)
YUV	200.4590, -36.7083, -32.8515
Hunter-Lab	82.4543, -40.0052, 35.9629

Details

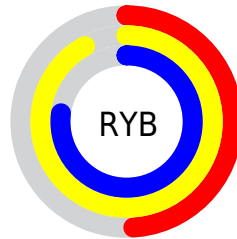
The CIELCh color **86, 61.139, 132.115** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **64, 63.691, 316.358**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 40.086, 126.484**, and **66, 61.232, 132.039** is the 20% darker color. If you saturate the color by 10%, you get **85, 73.326, 131.639**, and if you desaturate by 10%, it is **87, 48.282, 132.642**.

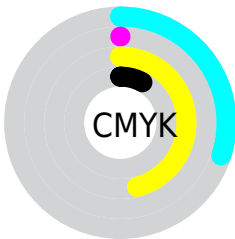
Distribution



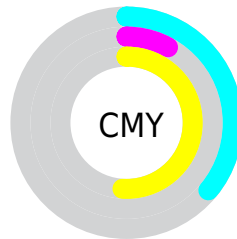
- Red (64%)
- Green (92%)
- Blue (49%)



- Red (49%)
- Yellow (92%)
- Blue (77%)



- Cyan (30%)
- Magenta (0%)
- Yellow (46%)
- Black (8%)





- Cyan (36%)
- Magenta (8%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 61.139, 132.115 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, 61.139, 132.115 by changing the saturation by 10% instead.


 86, 61.139,
132.115


 86, 61.139,
132.115


 100, 61.139,
132.115


 76, 61.139,
132.115


 66, 61.139,
132.115

 56, 61.139,
132.115

 46, 61.139,
132.115

 36, 61.139,
132.115


 26, 61.139,
132.115


 16, 61.139,


132.115

 6, 61.139, 132.115


 0, 61.139, 132.115


 86, 61.139,
132.115


 86, 61.139,
132.115

 85, 73.326,
131.639


 87, 48.282,
132.642

 84, 84.426,
131.291


 89, 35.049,
133.168

 83, 93.904,
131.186

 90, 21.653,
133.668

 83, 101.182,
131.458

 92, 8.246, 134.138

 82, 105.889,

 93, 5.067, 314.486

132.191

95, 13.242,
324.878

82, 107.219,
132.517

Harmonies

Complementary

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



86, 61.139, 132.115



64, 63.691, 316.358

Rectangle

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



86, 61.139, 132.115



86, 61.139, 182.115



86, 61.139, 312.115



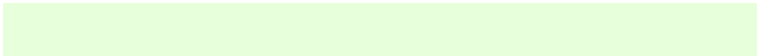
86, 61.139, 2.115

Sweetspot

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



86, 61.140, 132.116



98, 20.081, 133.770



81, 40.384, 83.601



52, 13.871, 133.666



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, 61.140, 132.116



92, 77.138, 131.679



85, 61.160, 144.900



48, 7.603, 133.986



65, 88.301, 132.290



19, 35.321, 131.965

Inverse Universe

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



64, 63.691, 316.358



64, 80.924, 316.677



68, 61.000, 331.717



46, 7.674, 314.754



32, 93.343, 316.072



6, 38.368, 316.929

Previews

White Background



This preview shows how the CIELCh color 86, 61.139, 132.115 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, 61.139, 132.115 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, 61.139, 132.115

Background



This preview shows how black text looks on a background with the CIELCh color 86, 61.139, 132.115.



This preview shows how white text looks on a background with the CIELCh color 86, 61.139, 132.115.

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, 61.139, 132.115

Protanopia
86, 49.440, 95.714

Deuteranopia
85, 38.807, 75.153

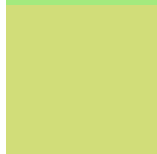


Tritanopia
86, 15.946, 235.222

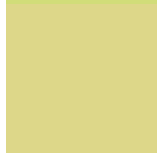
Trichromacy



Original Color
86, 61.139, 132.115



Protanomaly
85, 50.988, 111.370



Deuteranomaly
85, 40.290, 103.205

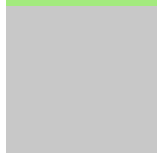


Tritanomaly
86, 23.755, 159.636

Monochromacy



Original Color
86, 61.139, 132.115



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 22.795, 133.859

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 61.139, 132.115 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(163, 234, 126)` looks like.

```
.text, #text, p{  
    color:rgb(163, 234, 126)  
}
```

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(163, 234, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 234, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 61.139, 132.115 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(163, 234, 126) }
```

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

```
.border{ border-color:rgb(163, 234, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 234, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 234, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 234, 126);  
box-shadow:4px 4px 4px 4px rgb(163, 234,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 61.139, 132.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 234, 126) }
```

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

```
.background{ background-color: rgb(163,  
234, 126) }
```

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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