

Converting Colors

CIELCh(86, 58.482, 136.091)

Have a look what the booklet for
CIELCh(86, 58.482, 136.091)
contains.

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Color

CIELCh(86, 58.094, 136.324)

Conversions

Conversions Part 1

Format	Color
Hex	9CEA88
RGB	156, 234, 136
RGB Percent	61%, 92%, 53%
CMY	0.3866, 0.0807, 0.4651
CMYK	0.33, 0.00, 0.42, 0.08
HSL	108°, 70%, 73%
HSV	108°, 42%, 92%
XYZ	47.8072, 67.9871, 34.0430
YIQ	199.5060, -15.0300, -47.0140

Conversions

Conversions Part 2

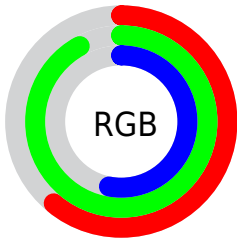
Format	Color
RYB	136, 234, 214
Decimal	10283656
CIELab	86.00, -42.02, 40.12
CIELCh	86, 58.094, 136.324
Yxy	67.9871, 0.3191, 0.4537
Android (android.graphics.Color)	4288473736 (0xFF9CEA88)
YUV	199.5060, -31.3085, -38.1548
Hunter-Lab	82.4543, -40.8003, 33.2389

Details

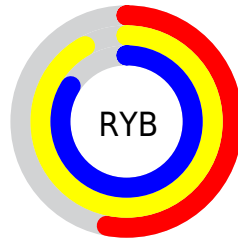
The CIELCh color $86, 58.094, 136.324$ is a light color, and the websafe version is hex $99FF99$. A complement of this color would be $68, 59.163, 320.509$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $96, 36.484, 132.835$, and $66, 58.345, 136.219$ is the 20% darker color. If you saturate the color by 10%, you get $85, 71.129, 135.645$, and if you desaturate by 10%, it is $87, 44.456, 136.984$.

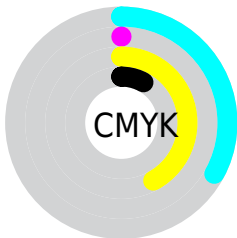
Distribution



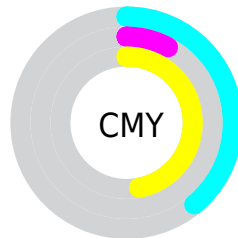
- Red (61%)
- Green (92%)
- Blue (53%)



- Red (53%)
- Yellow (92%)
- Blue (84%)



- Cyan (33%)
- Magenta (0%)
- Yellow (42%)
- Black (8%)





- Cyan (39%)
- Magenta (8%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 58.094, 136.324 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, 58.094, 136.324 by changing the saturation by 10% instead.


 86, 58.094,
136.324


 86, 58.094,
136.324


 100, 58.094,
136.324


 76, 58.094,
136.324

 66, 58.094,
136.324

 56, 58.094,
136.324

 46, 58.094,
136.324

 36, 58.094,
136.324


 26, 58.094,
136.324


 16, 58.094,


136.324

 6, 58.094, 136.324


 0, 58.094, 136.324


 86, 58.094,
136.324


 86, 58.094,
136.324


 85, 71.129,
135.645


 87, 44.456,
136.984


 84, 83.156,
135.005


 89, 30.510,
137.594


 83, 93.652,
134.500

 91, 16.475,
138.144

 82, 102.009,
134.259

 92, 2.511, 138.699

 82, 107.702,

 95, 11.270,
318.999

134.400

95, 12.838,
324.864

82, 110.483,
134.744

Harmonies

Complementary

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



86, 58.094, 136.324



68, 59.163, 320.509

Rectangle

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



86, 58.094, 136.324



86, 58.094, 186.324



86, 58.094, 316.324



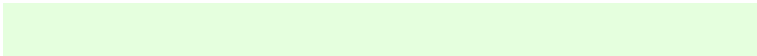
86, 58.094, 6.324

Sweetspot

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



86, 58.095, 136.325



97, 19.414, 138.079



86, 40.688, 94.323



52, 13.597, 137.960



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, 58.095, 136.325



92, 73.654, 135.753



86, 50.492, 149.919



48, 7.914, 138.266



65, 90.859, 134.588



19, 36.551, 134.903

Inverse Universe

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



68, 59.163, 320.509



69, 75.145, 320.812



69, 50.947, 336.726



46, 7.960, 319.087



37, 91.119, 320.568



7, 38.627, 321.523

Previews

White Background



This preview shows how the CIELCh color 86, 58.094, 136.324 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, 58.094, 136.324 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, 58.094, 136.324

Background



This preview shows how black text looks on a background with the CIELCh color 86, 58.094, 136.324.



This preview shows how white text looks on a background with the CIELCh color 86, 58.094, 136.324.

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, 58.094, 136.324

Protanopia
86, 44.555, 95.660

Deuteranopia
86, 37.019, 73.764

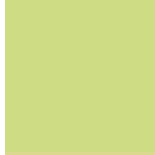


Tritanopia
86, 17.946, 230.490

Trichromacy



Original Color
86, 58.094, 136.324



Protanomaly
85, 45.885, 113.880



Deuteranomaly
85, 37.705, 105.075



Tritanomaly
86, 24.619, 165.509

Monochromacy



Original Color
86, 58.094, 136.324



Achromatopsia
81, 0.010, 296.813



Achromatomaly
82, 21.907, 138.160

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 58.094, 136.324 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(156, 234, 136)` looks like.

```
.text, #text, p{  
    color:rgb(156, 234, 136)  
}
```

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(156, 234, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 234, 136) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 58.094, 136.324 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(156, 234, 136) }
```

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

```
.border{ border-color:rgb(156, 234, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 234, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 234, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 234, 136);  
box-shadow:4px 4px 4px 4px rgb(156, 234,  
136) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 58.094, 136.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 234, 136) }
```

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

```
.background{ background-color: rgb(156,  
234, 136) }
```

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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