

Converting Colors

CIELCh(86, 60.186, 128.029)

Have a look what the booklet for
CIELCh(86, 60.186, 128.029)
contains.

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Color

CIELCh(86, 60.141, 128.128)

Conversions

Conversions Part 1

Format	Color
Hex	ADE87A
RGB	173, 232, 122
RGB Percent	68%, 91%, 48%
CMY	0.3217, 0.0903, 0.5216
CMYK	0.25, 0.00, 0.47, 0.09
HSL	92°, 70%, 69%
HSV	92°, 47%, 91%
XYZ	49.5907, 67.9871, 28.9147
YIQ	201.8190, 0.1460, -46.7180

Conversions

Conversions Part 2

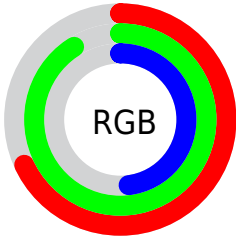
Format	Color
RYB	122, 232, 181
Decimal	11397242
CIELab	86.00, -37.13, 47.31
CIElCh	86, 60.141, 128.128
Yxy	67.9871, 0.3385, 0.4641
Android (android.graphics.Color)	4289587322 (0xFFADE87A)
YUV	201.8190, -39.3508, -25.2743
Hunter-Lab	82.4543, -36.9393, 36.9265

Details

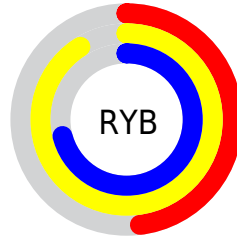
The CIELCh color **86, 60.141, 128.128** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **61, 64.090, 312.618**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 40.850, 120.646**, and **66, 60.071, 128.069** is the 20% darker color. If you saturate the color by 10%, you get **85, 71.713, 127.757**, and if you desaturate by 10%, it is **87, 47.892, 128.587**.

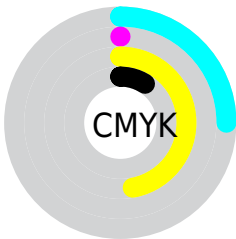
Distribution



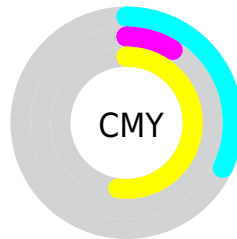
- Red (68%)
- Green (91%)
- Blue (48%)



- Red (48%)
- Yellow (91%)
- Blue (71%)



- Cyan (25%)
- Magenta (0%)
- Yellow (47%)
- Black (9%)





- Cyan (32%)
- Magenta (9%)
- Yellow (52%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 60.141, 128.128 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, 60.141, 128.128 by changing the saturation by 10% instead.


 86, 60.141,
128.128


 86, 60.141,
128.128


 100, 60.141,
128.128


 76, 60.141,
128.128

 66, 60.141,
128.128

 56, 60.141,
128.128

 46, 60.141,
128.128

 36, 60.141,
128.128


 26, 60.141,
128.128


 16, 60.141,


128.128

 6, 60.141, 128.128

 0, 60.141, 128.128


 86, 60.141,
128.128

 86, 60.141,
128.128


 85, 71.713,
127.757


 87, 47.892,
128.587

 84, 82.200,
127.556


 88, 35.250,
129.075


 84, 91.076,
127.644

 90, 22.415,
129.559

 83, 97.795,
128.154

 91, 9.526, 130.026

 82, 102.092,

 92, 3.319, 310.392

129.150

94, 13.115,
315.467

82, 102.986,
129.431

94, 14.375,
324.919

Harmonies

Complementary

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



86, 60.141, 128.128



61, 64.090, 312.618

Rectangle

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



86, 60.141, 128.128



86, 60.141, 178.128



86, 60.141, 308.128



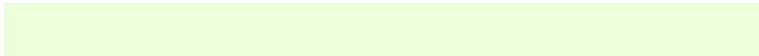
86, 60.141, 358.128

Sweetspot

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



86, 60.142, 128.129



98, 19.447, 129.717



77, 38.680, 72.744



52, 13.429, 129.615



0, 0.000, 0.000



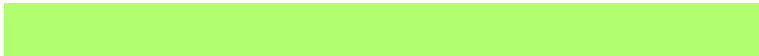
53, 0.007, 296.813

Same Dimension

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



86, 60.142, 128.129



93, 76.886, 127.760



84, 67.478, 141.458



48, 7.236, 129.932



65, 84.407, 129.157



18, 32.654, 128.801

Inverse Universe

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



61, 64.090, 312.618



61, 83.110, 313.062



67, 67.144, 327.916



45, 7.328, 310.730



29, 94.712, 312.785



4, 35.849, 312.332

Previews

White Background



This preview shows how the CIELCh color 86, 60.141, 128.128 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, 60.141, 128.128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

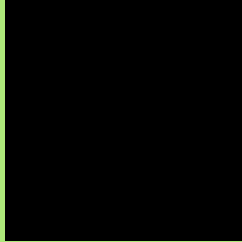
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 60.141, 128.128

Background



This preview shows how black text looks on a background with the CIELCh color 86, 60.141, 128.128.



This preview shows how white text looks on a background with the CIELCh color 86, 60.141, 128.128.

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, 60.141, 128.128

Protanopia
86, 50.942, 95.384

Deuteranopia
86, 39.433, 76.320



Tritanopia
86, 13.342, 244.231

Trichromacy



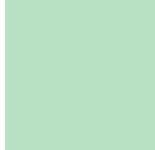
Original Color
86, 60.141, 128.128



Protanomaly
86, 52.259, 109.336



Deuteranomaly
85, 41.423, 100.928

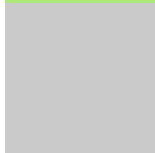


Tritanomaly
86, 21.099, 152.002

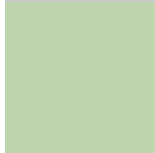
Monochromacy



Original Color
86, 60.141, 128.128



Achromatopsia
81, 0.010, 296.813



Achromatomaly
83, 22.628, 129.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 60.141, 128.128 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(173, 232, 122)` looks like.

```
.text, #text, p{  
    color:rgb(173, 232, 122)  
}
```

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(173, 232, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 232, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 60.141, 128.128 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(173, 232, 122) }
```

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

```
.border{ border-color:rgb(173, 232, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 232, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 232, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 232, 122);  
box-shadow:4px 4px 4px 4px rgb(173, 232,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 60.141, 128.128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 232, 122) }
```

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

```
.background{ background-color: rgb(173,  
232, 122) }
```

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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