

Converting Colors

CIELCh(84, 61.619, 126.839)

Have a look what the booklet for
CIELCh(84, 61.619, 126.839)
contains.

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Color

CIELCh(84, 61.344, 126.910)

Conversions

Conversions Part 1

Format	Color
Hex	A9E271
RGB	169, 226, 113
RGB Percent	66%, 89%, 44%
CMY	0.3370, 0.1134, 0.5566
CMYK	0.25, 0.00, 0.50, 0.11
HSL	90°, 66%, 66%
HSV	90°, 50%, 89%
XYZ	46.5755, 64.0658, 25.5528
YIQ	196.0750, 2.3010, -47.2270

Conversions

Conversions Part 2

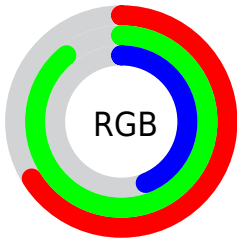
Format	Color
RYB	113, 226, 170
Decimal	11133553
CIELab	84.00, -36.84, 49.05
CIElCh	84, 61.344, 126.910
Yxy	64.0658, 0.3420, 0.4704
Android (android.graphics.Color)	4289323633 (0xFFA9E271)
YUV	196.0750, -40.9560, -23.7448
Hunter-Lab	80.0411, -36.2037, 37.1006

Details

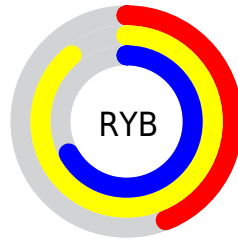
The CIELCh color **84, 61.344, 126.910** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **58, 66.023, 311.754**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 45.507, 120.972**, and **64, 61.070, 126.847** is the 20% darker color. If you saturate the color by 10%, you get **83, 72.341, 126.585**, and if you desaturate by 10%, it is **85, 49.601, 127.346**.

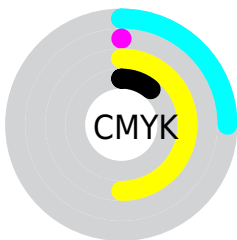
Distribution



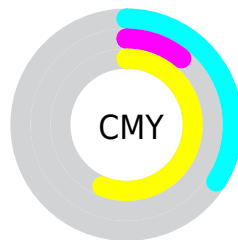
- Red (66%)
- Green (89%)
- Blue (44%)



- Red (44%)
- Yellow (89%)
- Blue (67%)



- Cyan (25%)
- Magenta (0%)
- Yellow (50%)
- Black (11%)





- Cyan (34%)
- Magenta (11%)
- Yellow (56%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 61.344, 126.910 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 84, 61.344, 126.910 by changing the saturation by 10% instead.


 84, 61.344,
126.910


 84, 61.344,
126.910


 100, 61.344,
126.910


 74, 61.344,
126.910

 64, 61.344,
126.910

 54, 61.344,
126.910

 44, 61.344,
126.910

 34, 61.344,
126.910

 24, 61.344,
126.910

 14, 61.344,

126.910

■ 4, 61.344, 126.910

■ 0, 61.344, 126.910

■ 84, 61.344,
126.910

■ 84, 61.344,
126.910

■ 83, 72.341,
126.585

■ 85, 49.601,
127.346

■ 82, 82.163,
126.462

■ 86, 37.412,
127.827

■ 82, 90.283,
126.664

■ 87, 24.989,
128.316

■ 81, 96.198,
127.317

■ 89, 12.475,
128.793

■ 81, 99.950,

■ 90, 0.027, 304.438

128.403

91, 12.447,
309.621

81, 99.955,
128.405

92, 17.003,
318.970

93, 18.088,
325.052

Harmonies

Complementary

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



84, 61.344, 126.910



58, 66.023, 311.754

Rectangle

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



84, 61.344, 126.910



84, 61.344, 176.910



84, 61.344, 306.910



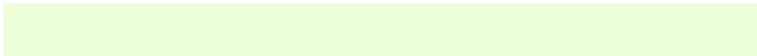
84, 61.344, 356.910

Sweetspot

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



84, 61.345, 126.911



98, 20.677, 128.551



74, 39.681, 69.131



52, 14.108, 128.450



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 61.345, 126.911



93, 79.707, 126.575



81, 70.865, 140.332



47, 7.050, 128.818



64, 82.658, 128.132



17, 30.859, 128.108

Inverse Universe

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



58, 66.023, 311.754



58, 87.251, 312.243



65, 70.477, 327.047



44, 7.146, 309.635



27, 94.342, 312.039



4, 33.511, 310.478

Previews

White Background



This preview shows how the CIELCh color 84, 61.344, 126.910 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 84, 61.344, 126.910 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 84, 61.344, 126.910

Background



This preview shows how black text looks on a background with the CIELCh color 84, 61.344, 126.910.

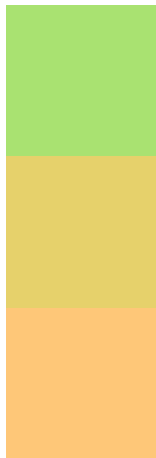


This preview shows how white text looks on a background with the CIELCh color 84, 61.344, 126.910.

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](#).

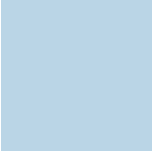
Dichromacy



Original Color
84, 61.344, 126.910

Protanopia
84, 52.882, 95.880

Deuteranopia
84, 47.893, 77.267



Tritanopia
84, 12.596, 244.560

Trichromacy



Original Color
84, 61.344, 126.910



Protanomaly
84, 53.800, 108.598



Deuteranomaly
83, 47.669, 98.922

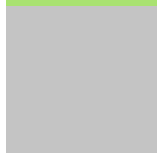


Tritanomaly
84, 21.538, 148.803

Monochromacy



Original Color
84, 61.344, 126.910



Achromatopsia
79, 0.010, 296.813



Achromatomaly
81, 23.097, 128.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 61.344, 126.910 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(169, 226, 113)` looks like.

```
.text, #text, p{  
    color:rgb(169, 226, 113)  
}
```

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(169, 226, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 226, 113) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 61.344, 126.910 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(169, 226, 113) }
```

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

```
.border{ border-color:rgb(169, 226, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 226, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 226, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 226, 113);  
box-shadow:4px 4px 4px 4px rgb(169, 226,  
113) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 61.344, 126.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 226, 113) }
```

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

```
.background{ background-color: rgb(169,  
226, 113) }
```

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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