

Converting Colors

CIELCh(84, 68.483, 124.453)

Have a look what the booklet for
CIELCh(84, 68.483, 124.453)
contains.

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Color

CIELCh(84, 68.583, 124.539)

Conversions

Conversions Part 1

Format	Color
Hex	A9E361
RGB	169, 227, 97
RGB Percent	66%, 89%, 38%
CMY	0.3382, 0.1108, 0.6205
CMYK	0.26, 0.00, 0.57, 0.11
HSL	87°, 70%, 63%
HSV	87°, 57%, 89%
XYZ	45.8549, 64.0658, 21.2000
YIQ	194.8380, 7.1620, -52.7260

Conversions

Conversions Part 2

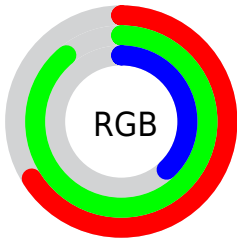
Format	Color
RYB	97, 227, 155
Decimal	11133793
CIELab	84.00, -38.88, 56.49
CIELCh	84, 68.583, 124.539
Yxy	64.0658, 0.3497, 0.4886
Android (android.graphics.Color)	4289323873 (0xFFA9E361)
YUV	194.8380, -48.2341, -22.6599
Hunter-Lab	80.0411, -37.8107, 40.3250

Details

The CIELCh color **84, 68.583, 124.539** is a light color, and the websafe version is hex **99CC33**. A complement of this color would be **53, 75.756, 310.403**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 52.888, 118.151**, and **64, 68.476, 124.531** is the 20% darker color. If you saturate the color by 10%, you get **83, 78.585, 124.364**, and if you desaturate by 10%, it is **85, 57.534, 124.897**.

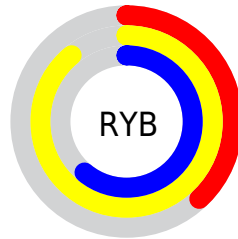
Distribution



Red (66%)

Green (89%)

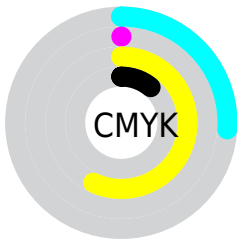
Blue (38%)



Red (38%)

Yellow (89%)

Blue (61%)

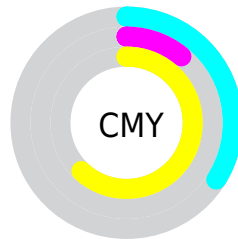


Cyan (26%)

Magenta (0%)

Yellow (57%)

Black (11%)



Cyan (34%)


Magenta (11%)


Yellow (62%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 68.583, 124.539 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, 68.583, 124.539 by changing the saturation by 10% instead.

 84, 68.583,
124.539

 84, 68.583,
124.539


 100, 68.583,
124.539


 74, 68.583,
124.539

 64, 68.583,
124.539

 54, 68.583,
124.539

 44, 68.583,
124.539

 34, 68.583,
124.539

 24, 68.583,
124.539

 14, 68.583,

124.539

■ 4, 68.583, 124.539

■ 0, 68.583, 124.539

■ 84, 68.583,
124.539

■ 84, 68.583,
124.539

■ 83, 78.585,
124.364

■ 85, 57.534,
124.897

■ 83, 87.030,
124.484

■ 86, 45.823,
125.351

■ 82, 93.389,
125.027

■ 87, 33.725,
125.847

■ 82, 97.407,
126.064

■ 88, 21.424,
126.349

■ 81, 98.273,

■ 89, 9.050, 126.841

126.371

■ 91, 3.311, 307.254

■ 92, 15.350,
307.968

■ 93, 16.707,
319.658

■ 93, 17.661,
325.037

Harmonies

Complementary

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



84, 68.583, 124.539



53, 75.756, 310.403

Rectangle

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



84, 68.583, 124.539



84, 68.583, 174.539



84, 68.583, 304.539



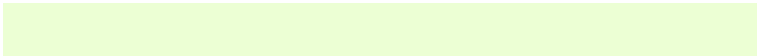
84, 68.583, 354.539

Sweetspot

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



84, 68.584, 124.540



98, 23.122, 126.359



69, 46.023, 61.650



52, 15.463, 126.259



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, 68.584, 124.540



92, 88.000, 124.361



81, 78.778, 138.281



47, 6.959, 126.738



65, 81.100, 126.093



17, 30.308, 125.971

Inverse Universe

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



53, 75.756, 310.403



52, 99.564, 310.987



61, 78.656, 325.292



44, 7.065, 307.609



26, 95.519, 310.783



3, 33.109, 308.284

Previews

White Background



This preview shows how the CIELCh color 84, 68.583, 124.539 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, 68.583, 124.539 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, 68.583, 124.539

Background



This preview shows how black text looks on a background with the CIELCh color 84, 68.583, 124.539.

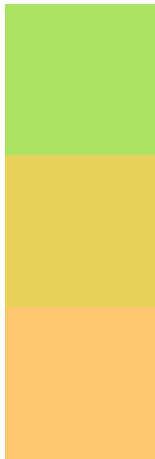


This preview shows how white text looks on a background with the CIELCh color 84, 68.583, 124.539.

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, 68.583, 124.539

Protanopia
84, 60.232, 95.497

Deuteranopia
84, 52.145, 78.663



Tritanopia
84, 12.371, 245.642

Trichromacy



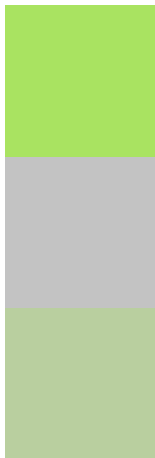
Original Color
84, 68.583, 124.539

Protanomaly
83, 60.962, 107.252

Deuteranomaly
83, 52.930, 98.635

Tritanomaly
84, 23.645, 144.776

Monochromacy



Original Color
84, 68.583, 124.539

Achromatopsia
79, 0.010, 296.813

Achromatomaly
80, 26.683, 126.505

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 68.583, 124.539 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, 227, 97)` looks like.

```
.text, #text, p{  
    color:rgb(169, 227, 97)  
}
```

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, 227, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 227, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 68.583, 124.539 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, 227, 97) }
```

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

```
.border{ border-color:rgb(169, 227, 97) }
```

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

Here you see how a box with a 4 pixel rgb(169, 227, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 227, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 227, 97);  
box-shadow:4px 4px 4px 4px rgb(169, 227,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 68.583, 124.539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 227, 97) }
```

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

```
.background{ background-color: rgb(169,  
227, 97) }
```

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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